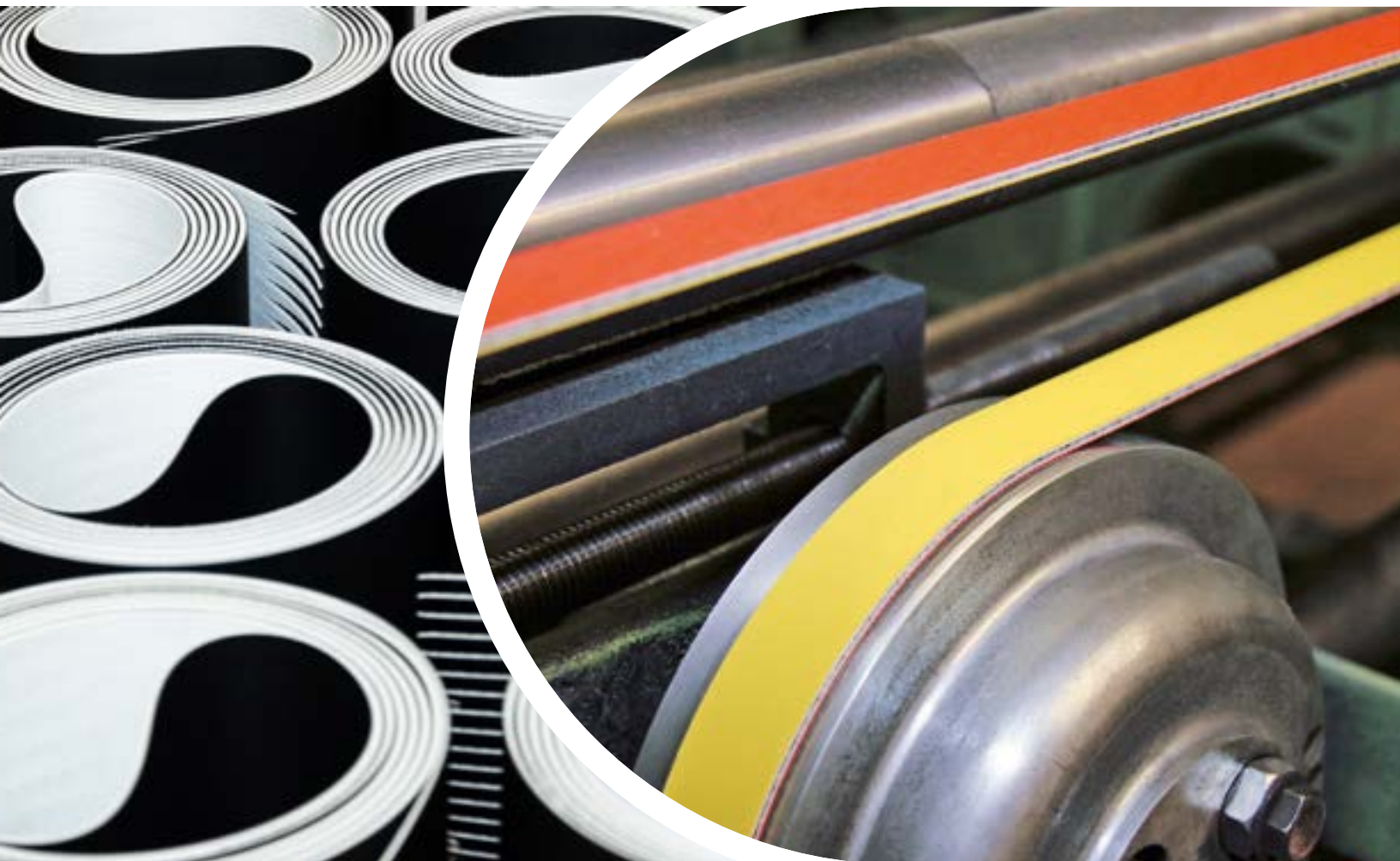


# Fabric and Round Belts

## Product Range





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# Full Range of Fabric Belts

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We help our customers reach their full potential with industry specific solutions and customization options that excel in the most challenging applications.

This product brochure serves as a comprehensive resource for Habasit America's fabric belt offerings, providing a clear and accessible reference for customers across multiple industries. These belts are a core part of Habasit America's belting portfolio. We strive to keep these products in stock and readily available for our customers.

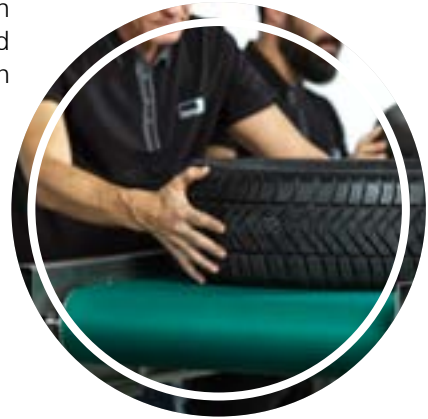
The belts featured in this brochure are categorized by industry and engineered with the unique industry's needs in mind. Many belts also offer versatility, performing effectively across multiple industries and applications.

#### **Tailored to your needs**

Habasit America's fabric belts are highly customizable to meet diverse operational needs. Beyond standard belt dimensions, various customization options, such as finish and accessories, help enhance performance. Our tailored belt solutions allow seamless integration into system design and deliver improved operation in specialized applications with unique operational challenges.

#### **Our commitment to quality**

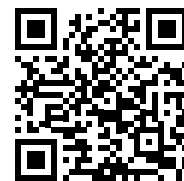
With nearly 60 years in the United States, Habasit America remains committed to delivering high-quality, innovative belting solutions. Our expertise and dedication to quality help our customers reach their full potential with reliable, high-performance products.



#### **Belt selection and data**

Selecting the correct belt is essential for efficient system performance. The optimal choice depends on mechanical, thermal, and chemical requirements specific to the process and materials being conveyed.

For detailed belt characteristics and application suitability, refer to Habasit literature or visit the Habasit Product Portal by scanning the QR code or going to <https://portal.habasit.com/>.



Scan to visit the  
Product Portal

# General Material Handling

| Product Group and Name          | PLY | For slider bed | For carrying roller | Low noise, pulley side | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Flame retardant | Traction layer, material | Cover friction | Conveying side |               |             | Pulley side |         |             | Class of chemical resistance | Joining |
|---------------------------------|-----|----------------|---------------------|------------------------|------------------------|-------------------------|--------------------|--------------------|-----------------|--------------------------|----------------|----------------|---------------|-------------|-------------|---------|-------------|------------------------------|---------|
|                                 |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                | Material       | Surface       | Color       | Material    | Surface | Color       |                              |         |
|                                 |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |               |             |             |         |             |                              |         |
| Standard                        |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">SAB-5E 07</a>       | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | UL94HB          | PET                      | A              | PVC            | smooth        | anthracite  | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">SAB-8E 07</a>       | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | -               | PET                      | A              | PVC            | smooth        | anthracite  | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">SAG-8E 07</a>       | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | UL94HB          | PET                      | A              | PVC            | grip          | anthracite  | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">SAG-12E</a>         | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | UL94HB          | PET                      | A              | EPDM           | grip          | anthracite  | PET         | fabric  | off-white   | 4                            | L,T     |
| <a href="#">SAQ-8E 07</a>       | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | -               | PET                      | A              | PVC            | quadrille     | anthracite  | TPU         | impreg. | off-white   | 3                            | F,L     |
| <a href="#">SAW-5E 13</a>       | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | UL94HB          | PET                      | A              | PVC            | waffle        | anthracite  | PET         | impreg. | light grey  | 3                            | F,L     |
| <a href="#">SNB-5E 07</a>       | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | -               | PET                      | N              | PVC            | sand          | anthracite  | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">SNB-12E 07</a>      | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | -               | PET                      | N              | PVC            | sand          | anthracite  | PET         | fabric  | light grey  | 3                            | F,L     |
| N-Line                          |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">NAB-8EEDV 11</a>    | 2   | •              | •                   | -                      | •                      | •                       | -                  | -                  | -               | PET                      | A              | PVC            | smooth        | dark green  | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NAB-10ELBV 11</a>   | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | UL94HB          | PET                      | A              | PVC            | smooth        | black       | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NAB-10ELDV 11</a>   | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | UL94HB          | PET                      | A              | PVC            | smooth        | dark green  | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NAB-12EEDV 11</a>   | 2   | •              | •                   | -                      | •                      | •                       | -                  | -                  | UL94HB          | PET                      | A              | PVC            | smooth        | dark green  | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NAB-18EEAV 11</a>   | 3   | •              | •                   | -                      | •                      | •                       | -                  | -                  | -               | PET                      | A              | PVC            | smooth        | anthracite  | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NAJ-8EEDV 11</a>    | 2   | •              | •                   | -                      | •                      | •                       | -                  | -                  | -               | PET                      | A              | PVC            | jink wave     | dark green  | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NHB-5EKBV</a>       | 1   | •              | -                   | -                      | •                      | •                       | -                  | -                  | UL94HB          | PET                      | N              | PVC            | matt          | black       | PET         | fabric  | grey        | 3                            | F,L     |
| <a href="#">NHB-10EKBV 11</a>   | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | UL94HB          | PET                      | N              | PVC            | matt          | black       | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NHE-8EBBV-L3</a>    | 2   | •              | •                   | -                      | •                      | •                       | •                  | •                  | -               | PET                      | M              | PVC            | elliptical    | black       | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NHM-10EKBV 11</a>   | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | -               | PET                      | N              | PVC            | super-matt    | black       | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NHU-8EETV 11</a>    | 2   | •              | •                   | -                      | •                      | •                       | -                  | -                  | -               | PET                      | N              | PVC            | smooth        | transparent | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NHZ-8ESBV-Q1</a>    | 2   | •              | •                   | •                      | •                      | -                       | •                  | •                  | ISO             | PET                      | N              | PVC            | orange peel   | black       | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">NHZ-10ESBV-Q1</a>   | 2   | •              | •                   | •                      | •                      | -                       | •                  | •                  | ISO             | PET                      | N              | PVC            | orange peel   | black       | PET         | fabric  | off-white   | 4                            | F,L     |
| <a href="#">NNT-10ENBU</a>      | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | -               | PET                      | N              | PET            | impreg.       | black       | PET         | fabric  | grey        | 3                            | F,L     |
| <a href="#">NNT-20ECDV</a>      | 3   | •              | •                   | •                      | •                      | -                       | •                  | •                  | -               | PET                      | N              | PVC            | impreg.       | dark green  | PET         | impreg. | black       | 3                            | F,L     |
| <a href="#">NSB-12EEAV 11</a>   | 3   | •              | •                   | -                      | •                      | •                       | -                  | -                  | -               | PET                      | A              | PVC            | smooth        | anthracite  | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NSL-10ELBV 11</a>   | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | UL94HB          | PET                      | S              | PVC            | long. groove  | black       | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NSW-5ELAV</a>       | 1   | •              | •                   | -                      | •                      | •                       | -                  | -                  | UL94HB          | PET                      | S              | PVC            | waffle        | anthracite  | PET         | fabric  | grey        | 3                            | F,L     |
| <a href="#">NAO-8ELBV</a>       | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | -               | PET                      | A              | PVC            | quadrille     | black       | PET         | fabric  | white       | 3                            | F,L     |
| <a href="#">NAS-8EHDV</a>       | 2   | •              | •                   | -                      | -                      | •                       | -                  | -                  | -               | PET                      | A              | PVC            | sawtooth      | dark green  | PET         | fabric  | white       | 3                            | F,L     |
| N-Line FR                       |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">NAD-10ESBV 13</a>   | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | ISO             | PET                      | A              | PVC            | diag. wave    | black       | PET         | fabric  | grey        | 3                            | F,L     |
| <a href="#">NHE-8ESBV</a>       | 2   | •              | •                   | •                      | •                      | •                       | •                  | •                  | ISO             | PET                      | M              | PVC            | elliptical    | black       | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">NHM-10ESBV 13</a>   | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | ISO             | PET                      | N              | PVC            | super-matt    | black       | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">NNT-10ESBU 13</a>   | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | ISO             | PET                      | N              | PUR            | impreg.       | black       | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">NSL-02SSBV</a>      | 1   | •              | •                   | -                      | •                      | -                       | -                  | -                  | ISO             | PET                      | S              | PVC            | long. groove  | black       | PET         | impreg. | grey        | 3                            | F,L     |
| <a href="#">NSL-11ESBV 13</a>   | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | ISO             | PET                      | S              | PVC            | long. groove  | black       | PET         | fabric  | off-white   | 3                            | F,L     |
| <a href="#">NHM-10ELBV-E3L2</a> | 2   | •              | •                   | •                      | •                      | •                       | -                  | -                  | ISO             | PET                      | N              | PVC            | super-matt    | black       | PET         | impreg. | light green | 3                            | F,L     |
| <a href="#">NHM-10ESBV-E3</a>   | 2   | •              | •                   | -                      | •                      | •                       | -                  | -                  | ISO             | PET                      | N              | PVC            | super-matt    | black       | PET         | impreg. | light green | 3                            | F,L     |
| <a href="#">NNT-10ELVV-E6</a>   | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | ISO             | PET                      | N              | PET            | impreg.       | light green | PET         | impreg. | light green | 3                            | F,L     |
| <a href="#">NSL-11ESBV-E3</a>   | 2   | •              | •                   | •                      | •                      | -                       | -                  | -                  | ISO             | PET                      | S              | PVC            | long. groove  | black       | PET         | impreg. | light green | 3                            | F,L     |
| Habasit UK                      |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">WVT-125</a>         | -   | -              | •                   | -                      | •                      | •                       | •                  | •                  | -               | TPU                      | M              | TPU            | rough         | black       | TPU         | rough   | black       | 2                            | F,Q     |
| High Duty                       |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">HAL-12E</a>         | 2   | •              | •                   | -                      | •                      | -                       | •                  | -                  | -               | PET                      | S              | EPDM           | long. groove  | green       | PUR         | impreg. | black       | 4                            | F,L,T   |
| <a href="#">HAR-12E</a>         | 2   | •              | •                   | -                      | •                      | -                       | -                  | •                  | -               | PET                      | A              | NBR            | rough textile | green       | PET         | fabric  | white       | 5                            | F,L,T   |
| <a href="#">HSL-8E</a>          | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | -               | PET                      | S              | TPU            | long. groove  | dark green  | TPU         | impreg. | grey        | 6                            | F,L,T   |
| <a href="#">HSW-5EB</a>         | 2   | •              | •                   | -                      | •                      | -                       | -                  | •                  | -               | PET                      | S              | TPU            | waffle        | black       | PET         | fabric  | grey        | 6                            | F,L,T   |



| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] *1.5% **2% | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Product Name                    |
|-----------------|----------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------|
| 0.06            | 0.36                                                     | 0.8                            | 54                                                                          | 63                                                          | 23                                  | 158                                 | 0.15 / 0.15                                                                                    | 126                       | 36SP                                                 | <a href="#">SAB-5E 07</a>       |
| 0.08            | 0.49                                                     | 1.6                            | 57                                                                          | 69                                                          | 23                                  | 158                                 | 0.20 / 0.15                                                                                    | 126                       | 36SP                                                 | <a href="#">SAB-8E 07</a>       |
| 0.17            | 0.76                                                     | 1.6                            | 51                                                                          | 46                                                          | 14                                  | 140                                 | 0.15 / 0.15                                                                                    | 126                       | 36SP                                                 | <a href="#">SAG-8E 07</a>       |
| 0.20            | 0.86                                                     | 2.4                            | 97                                                                          | 171                                                         | -22                                 | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 36                                                   | <a href="#">SAG-12E</a>         |
| 0.08            | 0.49                                                     | 1.6                            | 57                                                                          | 46                                                          | 14                                  | 140                                 | 0.15 / 0.15                                                                                    | 126                       | 36SP                                                 | <a href="#">SAQ-8E 07</a>       |
| 0.07            | 0.37                                                     | 0.8                            | 34                                                                          | 46                                                          | 23                                  | 122                                 | 0.15 / 0.15                                                                                    | 126                       | 36SP                                                 | <a href="#">SAW-5E 13</a>       |
| 0.06            | 0.39                                                     | 0.8                            | 54                                                                          | 63                                                          | 23                                  | 158                                 | 0.15 / 0.15                                                                                    | 126                       | 36SP                                                 | <a href="#">SNB-5E 07</a>       |
| 0.10            | 0.59                                                     | 2.4                            | 91                                                                          | 97                                                          | 23                                  | 158                                 | 0.15 / 0.15                                                                                    | 126                       | 36                                                   | <a href="#">SNB-12E 07</a>      |
| 0.08            | 0.47                                                     | 1.2                            | 51                                                                          | 86                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NAB-8EEDV 11</a>    |
| 0.08            | 0.51                                                     | 1.6                            | 57                                                                          | 80                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NAB-10ELBV 11</a>   |
| 0.08            | 0.47                                                     | 1.6                            | 69                                                                          | 80                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NAB-10ELDV 11</a>   |
| 0.11            | 0.66                                                     | 2.0                            | 69                                                                          | 108                                                         | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LL                                                 | <a href="#">NAB-12EEDV 11</a>   |
| 0.19            | 1.15                                                     | 5.0                            | 86                                                                          | 143                                                         | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 2HT                                                  | <a href="#">NAB-18EEAV 11</a>   |
| 0.22            | 0.92                                                     | 2.4                            | 51                                                                          | 86                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LL                                                 | <a href="#">NAJ-8EEDV 11</a>    |
| 0.04            | 0.25                                                     | 1.0                            | 31                                                                          | 29                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36XSP                                                | <a href="#">NHB-5EKBV</a>       |
| 0.08            | 0.51                                                     | 1.6                            | 63                                                                          | 91                                                          | 32                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NHB-10EKBV 11</a>   |
| 0.10            | 0.47                                                     | 1.2                            | 46                                                                          | 74                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36SLSP                                               | <a href="#">NHE-8EBBV-L3</a>    |
| 0.08            | 0.51                                                     | 1.6                            | 63                                                                          | 97                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36SLSP                                               | <a href="#">NHM-10EKBV 11</a>   |
| 0.08            | 0.47                                                     | 2.0                            | 51                                                                          | 86                                                          | 32                                  | 176                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NHU-8EETV 11</a>    |
| 0.10            | 0.61                                                     | 2.4                            | 46                                                                          | 80                                                          | 5                                   | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NHZ-8ESBV-Q1</a>    |
| 0.12            | 0.74                                                     | 2.4                            | 46                                                                          | 80                                                          | 5                                   | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NHZ-10ESBV-Q1</a>   |
| 0.08            | 0.49                                                     | 1.2                            | 57                                                                          | 74                                                          | -4                                  | 176                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NNT-10ENBU</a>      |
| 0.14            | 0.82                                                     | 5.0                            | 114                                                                         | 126                                                         | 14                                  | 176                                 | 0.15 / 0.15                                                                                    | 106                       | 36LL                                                 | <a href="#">NNT-20ECDV</a>      |
| 0.19            | 1.15                                                     | 3.2                            | 80                                                                          | 126                                                         | 14                                  | 176                                 | 0.15 / 0.15                                                                                    | 118                       | 2                                                    | <a href="#">NSB-12EEAV 11</a>   |
| 0.10            | 0.51                                                     | 1.2                            | 63                                                                          | 74                                                          | 14                                  | 140                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NSL-10ELBV 11</a>   |
| 0.05            | 0.27                                                     | 0.8                            | 29                                                                          | 27                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36SLXSP                                              | <a href="#">NSW-5ELAV</a>       |
| 0.09            | 0.49                                                     | 1.6                            | 63                                                                          | 91                                                          | 14                                  | 158                                 | 0.15 / -                                                                                       | 118                       | 36SLSP                                               | <a href="#">NAQ-8ELBV</a>       |
| 0.35            | 1.13                                                     | 2.4                            | 46                                                                          | 80                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 2                                                    | <a href="#">NAS-8EHDV</a>       |
| 0.30            | 1.02                                                     | 2.4                            | 46                                                                          | 46                                                          | 32                                  | 158                                 | 0.25 / 0.25                                                                                    | 118                       | 2HT                                                  | <a href="#">NAD-10ESBV 13</a>   |
| 0.09            | 0.47                                                     | 1.0                            | 46                                                                          | 63                                                          | 5                                   | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36SLSP                                               | <a href="#">NHE-8ESBV</a>       |
| 0.12            | 0.74                                                     | 1.6                            | 57                                                                          | 86                                                          | 5                                   | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36SP                                                 | <a href="#">NHM-10ESBV 13</a>   |
| 0.12            | 0.72                                                     | 1.6                            | 57                                                                          | 74                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 118                       | 36                                                   | <a href="#">NNT-10ESBU 13</a>   |
| 0.09            | 0.49                                                     | 0.8                            | 1                                                                           | 3                                                           | 5                                   | 140                                 | 0.15 / 0.15                                                                                    | 118                       | 36SP                                                 | <a href="#">NSL-02SSBV</a>      |
| 0.12            | 0.72                                                     | 1.6                            | 57                                                                          | 80                                                          | -22                                 | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LL                                                 | <a href="#">NSL-11ESBV 13</a>   |
| 0.13            | 0.78                                                     | 2.0                            | 46                                                                          | 29                                                          | 5                                   | 158                                 | 0.10 / 0.15                                                                                    | 118                       | 36LL                                                 | <a href="#">NHM-10ELBV-E3L2</a> |
| 0.12            | 0.74                                                     | 1.6                            | 57                                                                          | 86                                                          | 5                                   | 158                                 | 0.10 / 0.15                                                                                    | 118                       | 36LL                                                 | <a href="#">NHM-10ESBV-E3</a>   |
| 0.08            | 0.47                                                     | 1.6                            | 57                                                                          | 80                                                          | 32                                  | 176                                 | 0.10 / 0.15                                                                                    | 118                       | 36LLSP                                               | <a href="#">NNT-10ELVV-E6</a>   |
| 0.12            | 0.72                                                     | 1.6                            | 57                                                                          | 57                                                          | -22                                 | 158                                 | 0.10 / 0.15                                                                                    | 118                       | 36LL                                                 | <a href="#">NSL-11ESBV-E3</a>   |
| 0.05            | 0.27                                                     | 0.6                            | 9                                                                           | -                                                           | -22                                 | 194                                 | 0.6 / -                                                                                        | 57                        | -                                                    | <a href="#">VVT-125</a>         |
| 0.10            | 0.51                                                     | 2.0                            | 126                                                                         | 171                                                         | -22                                 | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 36SP                                                 | <a href="#">HAL-12E</a>         |
| 0.07            | 0.37                                                     | 1.6                            | 120                                                                         | 126                                                         | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 36SP                                                 | <a href="#">HAR-12E</a>         |
| 0.07            | 0.41                                                     | 0.8                            | 46                                                                          | 74                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLXSP                                              | <a href="#">HSL-8E</a>          |
| 0.06            | 0.34                                                     | 0.6                            | 37                                                                          | 57                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLSP                                               | <a href="#">HSW-5EB</a>         |

## Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer

E3 = E-Saver saturant

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

TPU = polyurethane, thermoplastic

## Flame retardant

ISO = Classified according to DIN 22103 and ISO 340  
UL = UL 94HB

## Joining

T = Thermofix  
F = Flexproof  
L = Laced  
Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

## Cover Friction

S = Super Adhesive  
A = Adhesive  
M = Medium Adhesive  
N = Non-Adhesive

\*tensile force at 1.5% elongation

\*\*tensile force at 2% elongation

# General Material Handling

| Product Group and Name          | PLY | For slider bed | For carrying roller | Low noise, pulley side | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Flame retardant | Traction layer, material | Cover friction | Conveying side |              |            | Pulley side |                |       | Class of chemical resistance | Joining |  |
|---------------------------------|-----|----------------|---------------------|------------------------|------------------------|-------------------------|--------------------|--------------------|-----------------|--------------------------|----------------|----------------|--------------|------------|-------------|----------------|-------|------------------------------|---------|--|
|                                 |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                | Material       | Surface      | Color      | Material    | Surface        | Color |                              |         |  |
| Extraline                       |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |            |             |                |       |                              |         |  |
| <a href="#">E-5EXBT</a>         | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | -               | PET                      | M              | TPU            | smooth       | black      | PET         | fabric         | grey  | 6                            | F,L,T   |  |
| <a href="#">EMB-27EHBT</a>      | 3   | •              | •                   | -                      | •                      | -                       | -                  | -                  | -               | PET                      | M              | TPU            | smooth       | black      | TPU         | impreg.        | white | 6                            | F,L     |  |
| Allveyor                        |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |            |             |                |       |                              |         |  |
| <a href="#">A90COS-B</a>        | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | smooth       | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A90FBS-B</a>        | 1   | •              | •                   | -                      | -                      | •                       | ◊                  | -                  | -               | PET                      | N              | PVC            | impreg.      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A120COS-B</a>       | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | smooth       | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A120CBS-B</a>       | 1   | -              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | smooth       | black      | PVC         | smooth         | black | 3                            | F,L     |  |
| <a href="#">A120CHEV-B (SS)</a> | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | chevron      | black      | PVC         | smooth         | black | 3                            | F,L     |  |
| <a href="#">A120CRES-B</a>      | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | crescent     | black      | PVC         | impreg.        | black | 3                            | L       |  |
| <a href="#">A120FBS-B</a>       | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | N              | PVC            | impreg.      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A120RT-B</a>        | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | rougtop      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A150COS-B</a>       | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | smooth       | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A150CBSMI-B</a>     | 1   | -              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | smooth       | black      | PVC         | smooth         | black | 3                            | F,L     |  |
| <a href="#">A150CRES-B (SS)</a> | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | crescent     | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A150FBS-B (SS)</a>  | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | MSHA            | PET                      | A              | PVC            | impreg.      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A155CRES-B (SS)</a> | 1   | •              | •                   | -                      | -                      | -                       | -                  | -                  | -               | PET                      | A              | PVC            | crescent     | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A200COS-B (SS)</a>  | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | smooth       | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">A200FBS-B (SS)</a>  | 1   | •              | •                   | -                      | -                      | -                       | ◊                  | -                  | -               | PET                      | A              | PVC            | impreg.      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| Allveyor Package Handling       |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |            |             |                |       |                              |         |  |
| <a href="#">APH120COS</a>       | 1   | •              | •                   | -                      | -                      | -                       | -                  | -                  | MSHA            | PET                      | A              | PVC            | smooth       | black      | PVC         | brushed        | black | 3                            | L       |  |
| <a href="#">APH120FBS</a>       | 1   | •              | •                   | -                      | -                      | -                       | -                  | -                  | MSHA            | PET                      | N              | PVC            | impreg.      | black      | PVC         | brushed        | black | 3                            | F,L,T   |  |
| <a href="#">APH120HFLRXLN</a>   | 1   | •              | •                   | •                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | S              | PVC            | long. groove | black      | PET         | impreg.        | black | 3                            | L       |  |
| <a href="#">APH120LFOXLN</a>    | 1   | •              | •                   | •                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | M              | PVC            | embossed     | Anthracite | PET         | impreg.        | black | 3                            | L       |  |
| <a href="#">APH120MFOXLN</a>    | 1   | •              | •                   | •                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | M              | PVC            | embossed     | black      | PET         | impreg.        | black | 3                            | L       |  |
| <a href="#">APH125MRTXLN</a>    | 1   | •              | •                   | -                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | A              | PVC            | rougtop      | black      | PET         | coarse textile | black | 3                            | L       |  |
| <a href="#">APH150HFLRXLN</a>   | 1   | •              | •                   | •                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | A              | PVC            | long. groove | black      | PVC         | brushed        | black | 3                            | L       |  |
| <a href="#">APH150HTS</a>       | 1   | •              | •                   | -                      | -                      | -                       | -                  | -                  | MSHA            | PET                      | N              | PVC            | brushed      | black      | PVC         | brushed        | black | 3                            | F,L,T   |  |
| <a href="#">APH150LFOXLN</a>    | 1   | •              | •                   | •                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | M              | PVC            | orange peel  | black      | PVC         | brushed        | black | 3                            | L       |  |
| <a href="#">APH150LRL</a>       | 1   | •              | •                   | -                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | S              | PVC            | long. groove | black      | PVC         | buffed         | black | 3                            | L       |  |
| <a href="#">APH150MFOXLN</a>    | 1   | •              | •                   | •                      | -                      | -                       | •                  | -                  | MSHA            | PET                      | M              | PVC            | orange peel  | black      | PVC         | brushed        | black | 3                            | L       |  |
| <a href="#">APH200HFS</a>       | 1   | •              | •                   | -                      | -                      | -                       | -                  | -                  | MSHA            | PET                      | N              | PVC            | impreg.      | black      | PVC         | brushed        | black | 3                            | F,L     |  |
| <a href="#">APH200HFSBR/BR</a>  | 1   | •              | •                   | -                      | -                      | -                       | -                  | -                  | MSHA            | PET                      | N              | PVC            | impreg.      | black      | PVC         | impreg.        | black | 3                            | L       |  |
| PolyMate                        |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |            |             |                |       |                              |         |  |
| <a href="#">PMARKLNG-BE</a>     | 1   | •              | •                   | •                      | -                      | -                       | -                  | -                  | -               | PET                      | M              | TPA            | rougtop      | blue       | TPA         | impreg.        | black | -                            | F,L     |  |
| <a href="#">PMAKLNG-BR</a>      | 1   | •              | •                   | •                      | -                      | •                       | -                  | -                  | -               | PET                      | A              | TPA            | rougtop      | brown      | TPA         | impreg.        | brown | -                            | F,L     |  |
| TrackMate                       |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |            |             |                |       |                              |         |  |
| <a href="#">TM120FBS-B</a>      | -   | •              | •                   | •                      | -                      | •                       | -                  | •                  | MSHA            | PET                      | N              | PVC            | impreg.      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TM120LR-B</a>       | -   | •              | •                   | •                      | -                      | •                       | -                  | •                  | MSHA            | PET                      | A              | PVC            | long. groove | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TM120RT-B</a>       | -   | •              | •                   | •                      | -                      | •                       | -                  | •                  | -               | PET                      | A              | PVC            | rougtop      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TM447-B</a>         | 1   | •              | •                   | •                      | -                      | •                       | -                  | •                  | ISO             | PET                      | A              | PVC            | rougtop      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TMIPH135LR</a>      | 1   | •              | •                   | •                      | -                      | •                       | -                  | •                  | ISO             | PET                      | S              | PVC            | long. groove | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TMIPH529FBS</a>     | 1   | •              | •                   | •                      | -                      | -                       | -                  | •                  | ISO             | PET                      | N              | PVC            | impreg.      | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TMIPH533EMB</a>     | 1   | •              | •                   | •                      | -                      | -                       | -                  | •                  | ISO             | PET                      | M              | PVC            | embossed     | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TMIPH633EMB</a>     | 1   | •              | •                   | •                      | •                      | -                       | -                  | •                  | ISO             | PET                      | A              | PVC            | embossed     | black      | PVC         | impreg.        | black | 3                            | F,L     |  |
| <a href="#">TMPH90LFOXB</a>     | 1   | •              | •                   | •                      | -                      | -                       | -                  | -                  | MSHA            | PET                      | N              | PVC            | embossed     | black      | PVC         | impreg.        | black | 3                            | L       |  |
| <a href="#">TMPH90MFOXB</a>     | 1   | •              | •                   | •                      | -                      | -                       | -                  | -                  | MSHA            | PET                      | M              | PVC            | embossed     | black      | PVC         | impreg.        | black | 3                            | L       |  |



| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq. ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] **2% | Admissible tensile force per unit of width kadm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/Staple (all lacing recommendations are approximate) | Product Name                   |
|-----------------|-----------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------------------------------------|--------------------------------|
| 0.05            | 0.27                                                      | 0.6                            | 37                                                                    | 69                                                         | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLXSP                                              | #00                                                           | <a href="#">E-5EXBT</a>        |
| 0.10            | 0.59                                                      | 3.2                            | 188                                                                   | 206                                                        | 14                                  | 176                                 | 0.15 / 0.20                                                                                    | 59                        | UX1SP                                                | #7                                                            | <a href="#">EMB-27EHBT</a>     |
| 0.11            | 0.73                                                      | 2.0                            | 170                                                                   | 91                                                         | -10                                 | 180                                 | 0.20 / 0.30                                                                                    | 72                        | 1-A                                                  | #7                                                            | <a href="#">A90COS-B</a>       |
| 0.11            | 0.56                                                      | 2.0                            | 150                                                                   | 137                                                        | -10                                 | 180                                 | 0.30 / 0.35                                                                                    | 72                        | 36                                                   | #7                                                            | <a href="#">A90FBS-B</a>       |
| 0.13            | 0.83                                                      | 3.0                            | 130                                                                   | 91                                                         | -10                                 | 180                                 | 0.20 / 0.30                                                                                    | 72                        | 1                                                    | #7                                                            | <a href="#">A120COS-B</a>      |
| 0.15            | 1.04                                                      | 3.0                            | 120                                                                   | 64                                                         | -10                                 | 180                                 | 0.40 / 0.50                                                                                    | 72                        | 1                                                    | #15                                                           | <a href="#">A120CBS-B</a>      |
| 0.22            | 0.96                                                      | 3.5                            | 150                                                                   | 91                                                         | -10                                 | 180                                 | 0.15 / 0.35                                                                                    | 72                        | 1                                                    | #7                                                            | <a href="#">A120CHEV-B</a>     |
| 0.24            | 1.00                                                      | 3.5                            | 150                                                                   | 91                                                         | -10                                 | 180                                 | 0.15 / 0.35                                                                                    | 72                        | 2                                                    | #7                                                            | <a href="#">A120CRES-B</a>     |
| 0.11            | 0.68                                                      | 3.0                            | 120                                                                   | 106                                                        | -10                                 | 180                                 | 0.30 / 0.35                                                                                    | 72                        | 1                                                    | #15                                                           | <a href="#">A120FBS-B</a>      |
| 0.23            | 0.97                                                      | 3.0                            | 150                                                                   | 110                                                        | -10                                 | 180                                 | 0.20 / 0.20                                                                                    | 72                        | 2                                                    | #15                                                           | <a href="#">A120RT-B</a>       |
| 0.16            | 1.04                                                      | 4.0                            | 200                                                                   | 146                                                        | -10                                 | 180                                 | 0.25 / 0.30                                                                                    | 72                        | 2HT                                                  | #20                                                           | <a href="#">A150COS-B</a>      |
| 0.20            | 1.22                                                      | 3.5                            | 170                                                                   | 110                                                        | -10                                 | 176                                 | 0.40 / 0.50                                                                                    | 72                        | 2                                                    | #25                                                           | <a href="#">A150CBSMI-B</a>    |
| 0.25            | 1.06                                                      | 3.5                            | 180                                                                   | 91                                                         | -30                                 | 180                                 | 0.15 / 0.35                                                                                    | 72                        | 2                                                    | #7                                                            | <a href="#">A150CRES-B</a>     |
| 0.14            | 0.81                                                      | 3.0                            | 170                                                                   | 92                                                         | -10                                 | 180                                 | 0.30 / 0.35                                                                                    | 72                        | 1                                                    | #15                                                           | <a href="#">A150FBS-B</a>      |
| 0.25            | 1.06                                                      | 3.5                            | 155                                                                   | 150                                                        | -30                                 | 180                                 | 0.25 / 0.35                                                                                    | 72                        | 2                                                    | #7                                                            | <a href="#">A155CRES-B</a>     |
| 0.22            | 1.27                                                      | 6.0                            | 175                                                                   | 183                                                        | -10                                 | 180                                 | 0.20 / 0.30                                                                                    | 72                        | 4                                                    | #27                                                           | <a href="#">A200COS-B</a>      |
| 0.19            | 0.96                                                      | 6.0                            | 155                                                                   | 200                                                        | -10                                 | 180                                 | 0.30 / 0.35                                                                                    | 72                        | 3                                                    | #25                                                           | <a href="#">A200FBS-B</a>      |
| 0.13            | 0.92                                                      | 2.6                            | 120                                                                   | 116                                                        | 0                                   | 180                                 | 0.15 / 0.25                                                                                    | 72                        | 2HT                                                  | -                                                             | <a href="#">APH120COS</a>      |
| 0.13            | 0.59                                                      | 3.0                            | 120                                                                   | 120                                                        | 0                                   | 180                                 | 0.15 / 0.25                                                                                    | 72                        | 2HT                                                  | #27                                                           | <a href="#">APH120FBS</a>      |
| 0.15            | 0.76                                                      | 2.3                            | 188                                                                   | 120                                                        | 10                                  | 176                                 | 0.20 / 0.18                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH120HFLRXLN</a>  |
| 0.13            | 0.72                                                      | 3.0                            | 223                                                                   | 69                                                         | 10                                  | 176                                 | 0.20 / 0.18                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH120LFOXLN</a>   |
| 0.14            | 0.73                                                      | 2.4                            | 120                                                                   | 46                                                         | 10                                  | 176                                 | 0.20 / 0.18                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH120MFOXLN</a>   |
| 0.14            | 0.75                                                      | 3.1                            | 175                                                                   | 47                                                         | 0                                   | 180                                 | 0.25 / 0.30                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH125MRTXLN</a>   |
| 0.16            | 0.85                                                      | 2.3                            | 188                                                                   | 120                                                        | 10                                  | 176                                 | 0.20 / 0.18                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH150HFLRXLN</a>  |
| 0.19            | 0.90                                                      | 4.0                            | 200                                                                   | 127                                                        | 0                                   | 180                                 | 0.15 / 0.25                                                                                    | 72                        | 3HT                                                  | #25                                                           | <a href="#">APH150HTS</a>      |
| 0.15            | 0.86                                                      | 3.0                            | 206                                                                   | 120                                                        | 10                                  | 176                                 | 0.20 / 0.18                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH150LFOXLN</a>   |
| 0.17            | 0.86                                                      | 3.0                            | 175                                                                   | 86                                                         | 0                                   | 180                                 | 0.25 / 0.30                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH150LR</a>       |
| 0.17            | 0.92                                                      | 2.3                            | 206                                                                   | 120                                                        | 0                                   | 180                                 | 0.20 / 0.19                                                                                    | 72                        | 2HT                                                  | #25                                                           | <a href="#">APH150MFOXLN</a>   |
| 0.20            | 1.20                                                      | 4.0                            | 210                                                                   | 165                                                        | 0                                   | 180                                 | 0.15 / 0.25                                                                                    | 72                        | 3HT                                                  | #25                                                           | <a href="#">APH200HFS</a>      |
| 0.19            | 1.10                                                      | 4.0                            | 210                                                                   | 86                                                         | 0                                   | 180                                 | 0.15 / 0.25                                                                                    | 72                        | 3HT                                                  | #25                                                           | <a href="#">APH200HFSBR/BR</a> |
| 0.30            | 1.40                                                      | 2.0                            | 128                                                                   | 82                                                         | 10                                  | 212                                 | 0.20 / 0.20                                                                                    | 72                        | 5                                                    | #27                                                           | <a href="#">PMARKLNG-BE</a>    |
| 0.28            | 0.90                                                      | 3.0                            | 140                                                                   | 82                                                         | -10                                 | 180                                 | 0.25 / 0.25                                                                                    | 72                        | 5                                                    | #27                                                           | <a href="#">PMAKLNG-BR</a>     |
| 0.10            | 0.60                                                      | 1.6                            | 150                                                                   | 126                                                        | -10                                 | 160                                 | 0.20 / 0.20                                                                                    | 72                        | 1                                                    | #62                                                           | <a href="#">TM120FBS-B</a>     |
| 0.15            | 0.90                                                      | 1.6                            | 145                                                                   | 73                                                         | -10                                 | 195                                 | 0.25 / 0.20                                                                                    | 72                        | 2SP                                                  | #125                                                          | <a href="#">TM120LR-B</a>      |
| 0.22            | 0.88                                                      | 2.8                            | 145                                                                   | 91                                                         | -10                                 | 158                                 | 0.20 / 0.20                                                                                    | 72                        | 1                                                    | #125                                                          | <a href="#">TM120RT-B</a>      |
| 0.26            | 1.14                                                      | 3.0                            | 145                                                                   | 73                                                         | -10                                 | 180                                 | 0.25 / 0.20                                                                                    | 72                        | 2                                                    | #125                                                          | <a href="#">TM447-B</a>        |
| 0.17            | 0.88                                                      | 3.0                            | 135                                                                   | 117                                                        | -10                                 | 176                                 | 0.25 / 0.20                                                                                    | 72                        | 2HT                                                  | #125                                                          | <a href="#">TMIPH135LR</a>     |
| 0.13            | 0.76                                                      | 3.0                            | 130                                                                   | 128                                                        | -10                                 | 230                                 | 0.25 / 0.20                                                                                    | 72                        | 2HT                                                  | #125                                                          | <a href="#">TMIPH529FBS</a>    |
| 0.14            | 0.96                                                      | 3.1                            | 150                                                                   | 128                                                        | -10                                 | 176                                 | 0.25 / 0.20                                                                                    | 72                        | 2HT                                                  | #125                                                          | <a href="#">TMIPH533EMB</a>    |
| 0.15            | 0.96                                                      | 2.0                            | 150                                                                   | 103                                                        | -10                                 | 195                                 | 0.25 / 0.20                                                                                    | 72                        | 2HT                                                  | #125                                                          | <a href="#">TMIPH633EMB</a>    |
| 0.13            | 0.80                                                      | 2.3                            | 191                                                                   | 191                                                        | -10                                 | 225                                 | - / 0.12                                                                                       | 72                        | 2HT                                                  | #27                                                           | <a href="#">TMPH90LFOX</a>     |
| 0.13            | 0.80                                                      | 2.3                            | 191                                                                   | 191                                                        | -10                                 | 225                                 | - / 0.12                                                                                       | 72                        | 2HT                                                  | #27                                                           | <a href="#">TMPH90MFOX</a>     |

## Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer

E3 = E-Saver saturant

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

TPU = polyurethane, thermoplastic

## Flame retardant

ISO = Classified according to DIN 22103 and ISO 340  
UL = UL 94HB

## Joining

T = Thermofix  
F = Flexproof  
L = Laced  
Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

## Cover Friction

S = Super Adhesive  
A = Adhesive  
M = Medium Adhesive  
N = Non-Adhesive

\*tensile force at 1.5% elongation

\*\*tensile force at 2% elongation

# General Material Handling

| Product Group and Name          | PLY | For slider bed | For carrying roller | Low noise, pulley side | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Flame retardant | Traction layer, material | Cover friction | Conveying side |              |             | Pulley side |         |             | Class of chemical resistance | Joining |
|---------------------------------|-----|----------------|---------------------|------------------------|------------------------|-------------------------|--------------------|--------------------|-----------------|--------------------------|----------------|----------------|--------------|-------------|-------------|---------|-------------|------------------------------|---------|
|                                 |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                | Material       | Surface      | Color       | Material    | Surface | Color       |                              |         |
|                                 |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |             |             |         |             |                              |         |
| Ulti-Mate                       |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |             |             |         |             |                              |         |
| <a href="#">UM100SC-B 18</a>    | 1   | •              | •                   | •                      | •                      | -                       | -                  | •                  | -               | PET                      | N              | NBR            | buffed       | black       | NBR         | buffed  | black       | 5                            | F,L,T   |
| <a href="#">UM155SC-B 18</a>    | 1   | •              | •                   | •                      | •                      | -                       | -                  | •                  | -               | PET                      | N              | NBR            | buffed       | black       | NBR         | buffed  | black       | 5                            | F,L,T   |
| <a href="#">UMS140HMBBS-B</a>   | 1   | •              | •                   | -                      | •                      | -                       | -                  | •                  | -               | PET                      | N              | SBR            | impreg.      | black       | SBR         | buffed  | black       | 5                            | F,L,T   |
| <a href="#">UMS140HMSD-B</a>    | 1   | •              | •                   | -                      | •                      | -                       | -                  | •                  | -               | PET                      | A              | PUR            | impreg.      | black       | PET         | buffed  | black       | 5                            | F,L     |
| <a href="#">UM220-G 18</a>      | 1   | •              | •                   | •                      | -                      | •                       | -                  | •                  | -               | PET                      | N              | NBR            | buffed       | light green | NBR         | buffed  | light green | 5                            | F,L,T   |
| <a href="#">UM220SC-B 18</a>    | 1   | •              | •                   | •                      | •                      | -                       | -                  | •                  | -               | PET                      | N              | NBR            | buffed       | black       | NBR         | buffed  | black       | 5                            | F,L,T   |
| <a href="#">UMS130SC-B</a>      | 1   | •              | •                   | •                      | •                      | -                       | -                  | •                  | -               | PET                      | N              | SBR            | impreg.      | black       | SBR         | impreg. | black       | 3                            | F,L     |
| Rubber                          |     |                |                     |                        |                        |                         |                    |                    |                 |                          |                |                |              |             |             |         |             |                              |         |
| <a href="#">RGLIDE-T</a>        | 4   | •              | •                   | -                      | -                      | -                       | -                  | -                  | -               | PET                      | A              | neoprene       | smooth       | tan         | SBR         | impreg. | tan         | -                            | L,T     |
| <a href="#">R3GUMRT-T</a>       | 3   | •              | •                   | -                      | -                      | -                       | -                  | -                  | -               | PET                      | A              | NR             | rougtop      | tan         | RFL         | impreg. | tan         | -                            | L,T     |
| <a href="#">RPH2-90BxB-FR</a>   | 2   | •              | •                   | -                      | •                      | -                       | -                  | -                  | MSHA            | PET                      | N              | RFL            | impreg.      | black       | RFL         | impreg. | black       | -                            | L       |
| <a href="#">RPH2-90TXB-FR</a>   | 2   | •              | -                   | -                      | •                      | -                       | -                  | -                  | MSHA            | PET                      | A              | neoprene       | fine textile | black       | RFL         | impreg. | black       | -                            | L       |
| <a href="#">RPH2-160TXB-FR</a>  | 2   | •              | •                   | -                      | •                      | -                       | •                  | •                  | MSHA            | PET                      | A              | neoprene       | fine textile | black       | RFL         | impreg. | brown       | -                            | L       |
| <a href="#">RPH2-160RTXB-FR</a> | 2   | •              | •                   | -                      | •                      | -                       | •                  | •                  | MSHA            | PET                      | S              | neoprene       | rougtop      | black       | RFL         | impreg. | brown       | -                            | L       |
| <a href="#">RPH3-135BxB-FR</a>  | 3   | •              | •                   | -                      | •                      | -                       | -                  | -                  | MSHA            | PET                      | N              | RFL            | impreg.      | black       | RFL         | impreg. | black       | -                            | L       |
| <a href="#">RPH3-200BxB-FR</a>  | 3   | •              | •                   | -                      | •                      | -                       | -                  | -                  | MSHA            | PET                      | N              | RFL            | impreg.      | black       | RFL         | impreg. | black       | -                            | L       |
| <a href="#">RPH3-265BxB-FR</a>  | 3   | •              | •                   | -                      | •                      | -                       | -                  | -                  | MSHA            | PET                      | N              | RFL            | impreg.      | black       | RFL         | impreg. | black       | -                            | L       |
| <a href="#">RPH3-265TXB-FR</a>  | 3   | •              | •                   | •                      | •                      | -                       | -                  | -                  | MSHA            | PET                      | A              | neoprene       | fine textile | black       | RFL         | impreg. | black       | -                            | L       |

## Live roller belts

| Product Group and Name             | PLY | For slider bed | For carrying roller | Low noise, pulley side | Permanently antistatic | Traction layer, material | Conveying side |              |             | Pulley side |              |       | Class of chemical resistance | Joining | Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] |
|------------------------------------|-----|----------------|---------------------|------------------------|------------------------|--------------------------|----------------|--------------|-------------|-------------|--------------|-------|------------------------------|---------|-----------------|----------------------------------------------------------|
|                                    |     |                |                     |                        |                        |                          | Material       | Surface      | Color       | Material    | Surface      | Color |                              |         |                 |                                                          |
| TC Series Belts                    |     |                |                     |                        |                        |                          |                |              |             |             |              |       |                              |         |                 |                                                          |
| <a href="#">TC-20EE</a>            | 1   | -              | -                   | -                      | •                      | PET                      | NBR            | fine         | light green | NBR         | rough        | black | 2                            | F       | 0.08            | 0.45                                                     |
| <a href="#">TC-35ER</a>            | 1   | -              | -                   | -                      | •                      | PET                      | NBR            | rough        | light green | NBR         | rough        | black | 2                            | F       | 0.10            | 0.53                                                     |
| <a href="#">TC-35/35ER</a>         | 1   | -              | -                   | -                      | •                      | PET                      | NBR            | rough        | light green | NBR         | rough        | black | 2                            | F       | 0.14            | 0.76                                                     |
| <a href="#">TC-55ERA</a>           | 1   | -              | -                   | -                      | •                      | PET                      | NBR            | rough        | light green | NBR         | rough        | black | 2                            | F       | 0.12            | 0.66                                                     |
| TF Series Aramide Tangential Belts |     |                |                     |                        |                        |                          |                |              |             |             |              |       |                              |         |                 |                                                          |
| <a href="#">TF-10</a>              | 1   | -              | -                   | -                      | •                      | AR                       | NBR            | fine textile | green       | NBR         | fine textile | black | 2                            | F       | 0.07            | 0.36                                                     |
| <a href="#">TF-15</a>              | 1   | -              | -                   | -                      | •                      | AR                       | NBR            | fine         | green       | NBR         | rough        | black | 2                            | F       | 0.08            | 0.43                                                     |
| <a href="#">TF-22</a>              | 1   | -              | -                   | -                      | •                      | AR                       | NBR            | rough        | green       | NBR         | rough        | black | 2                            | F       | 0.09            | 0.55                                                     |
| <a href="#">TF-33</a>              | 1   | -              | -                   | -                      | •                      | AR                       | NBR            | rough        | green       | NBR         | rough        | black | 2                            | F       | 0.12            | 0.66                                                     |
| <a href="#">TF-50</a>              | 1   | -              | -                   | -                      | •                      | AR                       | NBR            | rough        | green       | NBR         | rough        | black | 2                            | F       | 0.15            | 0.84                                                     |
| <a href="#">TF-75TE</a>            | 1   | -              | -                   | -                      | •                      | AR                       | PET            | fabric       | white       | NBR         | rough        | black | 2                            | F       | 0.17            | 0.92                                                     |

| Joining | Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] *1.5% **2% | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/ Staple (all lacing recommendations are approximate) | Product Name                    |
|---------|-----------------|----------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|----------------------------------------------------------------|---------------------------------|
| F,L,T   | 0.10            | 0.42                                                     | 1.0                            | 115                                                                         | 73                                                          | 14                                  | 176                                 | 0.25 / 0.30                                                                                    | 79                        | 36SLSP                                               | #62                                                            | <a href="#">UM100SC-B 18</a>    |
| F,L,T   | 0.15            | 0.43                                                     | 2.0                            | 135                                                                         | 64                                                          | 10                                  | 176                                 | 0.20 / 0.25                                                                                    | 79                        | 2                                                    | #125                                                           | <a href="#">UM155SC-B 18</a>    |
| F,L,T   | 0.15            | 0.45                                                     | 2.0                            | 115                                                                         | 36                                                          | 10                                  | 176                                 | 0.25 / 0.25                                                                                    | 72                        | 1LL                                                  | #125                                                           | <a href="#">UMS140HMBBS-B</a>   |
| F,L     | 0.15            | 0.50                                                     | 2.0                            | 120                                                                         | 130                                                         | 10                                  | 176                                 | 0.15 / 0.20                                                                                    | 73                        | 2SP                                                  | #126                                                           | <a href="#">UMS140HMSD-B</a>    |
| F,L,T   | 0.22            | 0.70                                                     | 4.0                            | 110                                                                         | 82                                                          | 10                                  | 176                                 | 0.20 / 0.25                                                                                    | 79                        | 4                                                    | #187                                                           | <a href="#">UM220-G 18</a>      |
| F,L,T   | 0.22            | 0.70                                                     | 4.0                            | 110                                                                         | 73                                                          | 10                                  | 176                                 | 0.30 / 0.25                                                                                    | 79                        | 3                                                    | #187                                                           | <a href="#">UM220SC-B 18</a>    |
| F,L     | 0.13            | 0.43                                                     | 2.0                            | 115                                                                         | 82                                                          | 10                                  | 176                                 | 0.25 / 0.25                                                                                    | 72                        | 1LL                                                  | #15                                                            | <a href="#">UMS130SC-B</a>      |
| L,T     | 0.13            | 0.78                                                     | 2.0                            | -                                                                           | 48                                                          | 0                                   | 200                                 | - / 0.30                                                                                       | 72                        | 36SP                                                 | #1                                                             | RGLIDE-T                        |
| L,T     | 0.28            | 1.23                                                     | 2.5                            | -                                                                           | 150                                                         | -40                                 | 250                                 | - / 0.30                                                                                       | -                         | 3                                                    | #15                                                            | R3GUMRT-T                       |
| L       | 0.11            | 0.49                                                     | 2.0                            | 49                                                                          | 73                                                          | -20                                 | 180                                 | 0.15 / 0.15                                                                                    | 78                        | 1                                                    | #7                                                             | <a href="#">RPH2-90BxB-FR</a>   |
| L       | 0.11            | 0.80                                                     | 2.0                            | 49                                                                          | 31                                                          | -20                                 | 180                                 | 0.15 / 0.20                                                                                    | 72                        | 1                                                    | #7                                                             | <a href="#">RPH2-90TXB-FR</a>   |
| L       | 0.15            | 0.82                                                     | 4.0                            | 66                                                                          | 110                                                         | -20                                 | 180                                 | 0.15 / 0.15                                                                                    | 72                        | 2HT                                                  | #15                                                            | <a href="#">RPH2-160TXB-FR</a>  |
| L       | 0.15            | 0.82                                                     | 4.0                            | 66                                                                          | 55                                                          | -20                                 | 180                                 | 0.15 / 0.15                                                                                    | 72                        | 4                                                    | #27                                                            | <a href="#">RPH2-160RTXB-FR</a> |
| L       | 0.16            | 0.85                                                     | 3.5                            | 64                                                                          | 46                                                          | -20                                 | 180                                 | 0.15 / 0.15                                                                                    | 78                        | 3HT                                                  | #15                                                            | <a href="#">RPH3-135BxB-FR</a>  |
| L       | 0.17            | 0.96                                                     | 3.5                            | 168                                                                         | 128                                                         | -20                                 | 180                                 | 0.15 / 0.15                                                                                    | 60                        | 3HT                                                  | #15                                                            | <a href="#">RPH3-200BxB-FR</a>  |
| L       | 0.20            | 1.10                                                     | 8.0                            | 69                                                                          | 128                                                         | -20                                 | 180                                 | 0.15 / 0.15                                                                                    | 60                        | 5                                                    | #20                                                            | <a href="#">RPH3-265BxB-FR</a>  |
| L       | 0.22            | 1.29                                                     | 8.0                            | 69                                                                          | 73                                                          | -20                                 | 180                                 | 0.15 / 0.15                                                                                    | 60                        | 4                                                    | #25                                                            | <a href="#">RPH3-265TXB-FR</a>  |

#### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

TPU = polyurethane, thermoplastic

#### Flame retardant

ISO = Classified according to DIN 22103 and ISO 340  
UL = UL 94HB

#### Joining

T = Thermofix  
F = Flexproof  
L = Laced  
Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

#### Cover Friction

S = Super Adhesive  
A = Adhesive  
M = Medium Adhesive  
N = Non-Adhesive

\*tensile force at 1.5% elongation

\*\*tensile force at 2% elongation

| Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] *nominal force | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/ Staple (all lacing recommendations are approximate) | Product Name               |
|--------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|----------------------------------------------------------------|----------------------------|
| 1.0                            | 57                                                               | 120 *                                                                      | -4                                  | 158                                 | 0.40 / -                                                                                       | 43                        | -                                                    | -                                                              | <a href="#">TC-20EF</a>    |
| 2.0                            | 103                                                              | 217 *                                                                      | -4                                  | 158                                 | 0.40 / -                                                                                       | 43                        | -                                                    | -                                                              | <a href="#">TC-35ER</a>    |
| 2.8                            | 103                                                              | 217 *                                                                      | -4                                  | 158                                 | 0.40 / -                                                                                       | 43                        | -                                                    | -                                                              | <a href="#">TC-35/35ER</a> |
| 2.8                            | 143                                                              | 303 *                                                                      | -4                                  | 158                                 | 0.40 / -                                                                                       | 43                        | -                                                    | -                                                              | <a href="#">TC-55ERA</a>   |
| 1.0                            | 57                                                               | 57 *                                                                       | -4                                  | 149                                 | 0.40 / -                                                                                       | 47                        | -                                                    | -                                                              | <a href="#">TF-10</a>      |
| 1.2                            | 86                                                               | 86 *                                                                       | -4                                  | 149                                 | 0.40 / -                                                                                       | 47                        | -                                                    | -                                                              | <a href="#">TF-15</a>      |
| 2.4                            | 126                                                              | 126 *                                                                      | -4                                  | 149                                 | 0.40 / -                                                                                       | 43                        | -                                                    | -                                                              | <a href="#">TF-22</a>      |
| 3.9                            | 188                                                              | 188 *                                                                      | -4                                  | 149                                 | 0.40 / -                                                                                       | 43                        | -                                                    | -                                                              | <a href="#">TF-33</a>      |
| 4.9                            | 286                                                              | 286 *                                                                      | -4                                  | 149                                 | 0.40 / -                                                                                       | 43                        | -                                                    | -                                                              | <a href="#">TF-50</a>      |
| 8.0                            | 400                                                              | 400                                                                        | -4                                  | 149                                 | - / -                                                                                          | 43                        | -                                                    | -                                                              | <a href="#">TF-75TE</a>    |

# Food

| Product Group and Name                           | PLY | For slider bed | For carrying roller | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Traction layer, material | Cover friction | Conveying side |                |             | Pulley side |              |             | Class of chemical resistance | Joining |
|--------------------------------------------------|-----|----------------|---------------------|------------------------|-------------------------|--------------------|--------------------|--------------------------|----------------|----------------|----------------|-------------|-------------|--------------|-------------|------------------------------|---------|
|                                                  |     |                |                     |                        |                         |                    |                    |                          |                | Material       | Surface        | Color       | Material    | Surface      | Color       |                              |         |
|                                                  |     |                |                     |                        |                         |                    |                    |                          |                |                |                |             |             |              |             |                              |         |
| General Food Belts                               |     |                |                     |                        |                         |                    |                    |                          |                |                |                |             |             |              |             |                              |         |
| <a href="#">FMB-2EQWT-W2</a>                     | 1   | •              | -                   | -                      | •                       | -                  | -                  | PET                      | M              | PET            | matt           | white       | PET         | impreg.      | white       | 6                            | F,L     |
| <a href="#">FMB-3EMWT-W2</a>                     | 1   | •              | -                   | •                      | •                       | -                  | -                  | PET                      | M              | TPU            | matt           | white       | PET         | impreg.      | white       | 6                            | F,L     |
| <a href="#">FNI-5EMWT-W2</a>                     | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | PET            | impreg.        | white       | PET         | impreg.      | white       | 6                            | F,L     |
| <a href="#">FMB-5EMCT-W2</a>                     | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | TPU            | matt           | cobalt blue | PET         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">FMB-5EMWT-W2</a>                     | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | PET            | matt           | white       | PET         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">FMB-6EQWT-W2</a>                     | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | M              | TPU            | matt           | white       | PET         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">FMB-6EMWT-W2</a>                     | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | TPU            | impreg.        | white       | PET         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">FAB-12E</a>                          | 2   | •              | •                   | •                      | -                       | -                  | -                  | PET                      | A              | TPU            | smooth         | white       | TPU         | impreg.      | light grey  | 6                            | F,L,T   |
| <a href="#">FAB-2E</a>                           | 1   | •              | -                   | •                      | -                       | -                  | -                  | PET                      | A              | TPU            | smooth         | white       | PET         | impreg.      | light grey  | 6                            | F,L     |
| <a href="#">FAB-5EB</a>                          | 2   | •              | •                   | •                      | -                       | •                  | •                  | PET                      | M              | TPU            | smooth         | white       | TPU         | impreg.      | light grey  | 6                            | F,L,T   |
| <a href="#">FAB-5EIWH</a>                        | 2   | •              | •                   | •                      | -                       | -                  | -                  | PET                      | A              | TPU            | smooth         | white       | TPU         | impreg.      | grey        | 6                            | F,L,T   |
| <a href="#">FAF-12EIWT-W2</a>                    | 2   | •              | •                   | •                      | -                       | -                  | -                  | PET                      | A              | TPU            | herringbone    | white       | PET         | impreg.      | white       | 6                            | F,L     |
| <a href="#">FAQ-5E</a>                           | 2   | •              | •                   | •                      | -                       | -                  | -                  | PET                      | A              | TPU            | quadrille      | white       | PET         | impreg.      | light grey  | 6                            | F,L,T   |
| <a href="#">FAW-7EIC</a>                         | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | A              | TPU            | waffle         | cobalt blue | TPU         | impreg.      | light blue  | 6                            | F,L     |
| <a href="#">FMB-5EQ</a>                          | 2   | •              | •                   | -                      | •                       | •                  | •                  | PET                      | M              | TPU            | smooth         | white       | TPU         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">FMT-02TXC</a><br>(CD.F12-N-FC+EH/EH) | 0   | •              | •                   | -                      | •                       | •                  | -                  | TPU                      | N              | TPU            | fine textile   | cobalt blue | TPU         | fine textile | cobalt blue | 6                            | F,Q     |
| <a href="#">FNB-5EIC 16</a>                      | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth         | blue        | PET         | impreg.      | bluish      | 6                            | F,L,T   |
| <a href="#">FNB-5EQ</a>                          | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth         | white       | TPU         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">FNB-12EVCQ-W1</a>                    | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth         | cobalt blue | TPU         | quadrille    | cobalt blue | 6                            | F,L,T   |
| <a href="#">FNI-2E</a>                           | 1   | •              | -                   | -                      | •                       | •                  | •                  | PET                      | N              | TPU            | impreg.        | transparent | TPU         | impreg.      | transparent | 6                            | F,L     |
| <a href="#">FNI-5EI 20</a>                       | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | N              | PET            | impreg.        | white       | PET         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">FNI-6EIC 20</a>                      | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | PET            | impreg.        | blue        | PET         | impreg.      | blue        | 6                            | F,L     |
| <a href="#">FNI-12E</a>                          | 2   | •              | •                   | •                      | -                       | -                  | -                  | PET                      | N              | TPU            | impreg.        | off-white   | TPU         | impreg.      | off-white   | 6                            | F,L,T   |
| <a href="#">ST100/U GLOSS</a>                    | 1   | •              | •                   | -                      | •                       | •                  | •                  | PET                      | A              | TPU            | glossy         | white       | TPU         | impreg.      | white       | 6                            | F,L     |
| <a href="#">T04 Brown Rhomboid</a>               | 1   | •              | •                   | •                      | •                       | •                  | -                  | PET                      | N              | TPU            | diag. rhomboid | brown       | TPU         | impreg.      | white       | 6                            | F,L     |
| <a href="#">T04 Amber Harlequin</a>              | 1   | •              | •                   | -                      | •                       | •                  | -                  | PET                      | N              | TPU            | harlequin      | amber       | TPU         | impreg.      | white       | 6                            | F,L     |
| <a href="#">T07/U Mars Embossed</a>              | 1   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | M              | TPU            | zigzag         | white       | PET         | impreg.      | white       | 6                            | F       |
| <a href="#">T11/U MATT BLUE</a>                  | 1   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | A              | TPU            | matt           | blue        | PET         | impreg.      | white       | 6                            | F       |
| <a href="#">T15/PX</a>                           | 1   | •              | •                   | -                      | •                       | •                  | •                  | PET                      | M              | TPU            | glossy         | white       | TPU         | impreg.      | white       | 6                            | F       |
| <a href="#">ENT-4EQWR</a>                        | 2   | •              | •                   | •                      | •                       | •                  | •                  | PET                      | N              | PET/CO         | fabric         | white       | TPU         | impreg.      | green       | 6                            | F,L     |
| <a href="#">TT122 LIGHT BLUE</a>                 | 2   | -              | •                   | •                      | •                       | •                  | -                  | PET                      | M              | TPU            | glossy         | light blue  | TPU         | glossy       | light blue  | 6                            | F,L     |
| <a href="#">FAS-8E</a>                           | 2   | •              | •                   | •                      | -                       | -                  | -                  | PET                      | A              | TPU            | Sawtooth pro   | white       | PET         | impreg.      | light grey  | 6                            | F,L     |
| <a href="#">TT191/AS</a>                         | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth         | transparent | TPU         | impreg.      | white       | 6                            | F,L     |
| <a href="#">TT20/RP</a>                          | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | basketweave    | white       | TPU         | impreg.      | white       | 6                            | F,L     |
| <a href="#">TT23/GP BLUE</a>                     | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | A              | TPU            | basketweave    | light blue  | TPU         | fabric       | white       | 6                            | F,L     |
| <a href="#">XVT-2303</a>                         | 2   | •              | •                   | •                      | •                       | •                  | -                  | PET                      | N              | TPU            | smooth         | transparent | TPU         | impreg.      | white       | 6                            | F,L,T   |
| <a href="#">XVT-2304</a>                         | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth         | white       | TPU         | impreg.      | white       | 6                            | F,L,T   |

| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Nosebar Radius, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/Staple (all lacing recommendations are approximate) | Product Name                                     |
|-----------------|----------------------------------------------------------|--------------------------------|-------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------|
| 0.03            | 0.14                                                     | 0.6                            | 0.08                          | 29                                                               | 21                                                          | -22                                 | 194                                 | 0.10 / 0.10                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">FMB-2EQWT-W2</a>                     |
| 0.04            | 0.23                                                     | 0.6                            | 0.12                          | 20                                                               | 14                                                          | -22                                 | 194                                 | 0.15 / 0.15                                                                                    | 126                       | 36SLXSP                                              | #00                                                           | <a href="#">FMB-3EMWT-W2</a>                     |
| 0.04            | 0.21                                                     | 0.6                            | 0.08                          | 40                                                               | 29                                                          | 14                                  | 194                                 | 0.10 / 0.15                                                                                    | 157                       | 36XSP                                                | -                                                             | <a href="#">FNI-5EMWT-W2</a>                     |
| 0.05            | 0.29                                                     | 0.6                            | 0.08                          | 46                                                               | 34                                                          | -22                                 | 212                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLSP                                               | #1                                                            | <a href="#">FMB-5EMCT-W2</a>                     |
| 0.05            | 0.29                                                     | 0.6                            | 0.08                          | 46                                                               | 34                                                          | -22                                 | 212                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLSP                                               | #1                                                            | <a href="#">FMB-5EMWT-W2</a>                     |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 40                                                               | 29                                                          | -22                                 | 194                                 | 0.15 / 0.15                                                                                    | 122                       | 36SLXSP                                              | #00                                                           | <a href="#">FMB-6EQWT-W2</a>                     |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 40                                                               | 29                                                          | -22                                 | 194                                 | 0.15 / 0.15                                                                                    | 122                       | 36SLXSP                                              | #00                                                           | <a href="#">FMB-6EMWT-W2</a>                     |
| 0.09            | 0.55                                                     | 2.0                            | -                             | 97                                                               | 108                                                         | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 1-A HT                                               | #7                                                            | <a href="#">FAB-12E</a>                          |
| 0.03            | 0.14                                                     | 0.6                            | 0.16                          | 18                                                               | 31                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">FAB-2E</a>                           |
| 0.06            | 0.35                                                     | 0.6                            | 0.16                          | 34                                                               | 63                                                          | -22                                 | 176                                 | 0.15 / 0.20                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">FAB-5EB</a>                          |
| 0.05            | 0.31                                                     | 0.6                            | 0.16                          | 34                                                               | 63                                                          | -22                                 | 230                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00,1S                                                        | <a href="#">FAB-5EIVH</a>                        |
| 0.18            | 0.61                                                     | 2.0                            | -                             | 80                                                               | 46                                                          | -22                                 | 176                                 | 0.15 / 0.20                                                                                    | 47                        | 1-D                                                  | #1                                                            | <a href="#">FAF-12EIWT-W2</a>                    |
| 0.06            | 0.29                                                     | 0.6                            | 0.16                          | 37                                                               | 63                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SP                                                 | #1                                                            | <a href="#">FAQ-5E</a>                           |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 49                                                               | 91                                                          | -22                                 | 194                                 | 0.10 / 0.20                                                                                    | 79                        | 36SP                                                 | #1                                                            | <a href="#">FAW-7EIC</a>                         |
| 0.06            | 0.35                                                     | 0.6                            | 0.16                          | 31                                                               | 20                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 87                        | 36XSP                                                | #00                                                           | <a href="#">FMB-5EQ</a>                          |
| 0.05            | 0.25                                                     | 0.6                            | -                             | 21                                                               | 17                                                          | -22                                 | 140                                 | 0.35 / 0.35                                                                                    | 55                        | -                                                    | -                                                             | <a href="#">FMT-02TXC</a><br>(CD.F12-N-FC+EH/EH) |
| 0.05            | 0.33                                                     | 0.6                            | 0.16                          | 37                                                               | 69                                                          | 5                                   | 176                                 | 0.10 / 0.15                                                                                    | 157                       | 36XSP                                                | #00                                                           | <a href="#">FNB-5EIC 16</a>                      |
| 0.05            | 0.31                                                     | 0.6                            | 0.16                          | 37                                                               | 63                                                          | 5                                   | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36XSP                                                | #00                                                           | <a href="#">FNB-5EQ</a>                          |
| 0.09            | 0.49                                                     | 1.0                            | -                             | 57                                                               | 97                                                          | -4                                  | 176                                 | 0.35 / 0.35                                                                                    | 94                        | 36LXSP                                               | #00                                                           | <a href="#">FNB-12EVCQ-W1</a>                    |
| 0.01            | 0.05                                                     | 0.6                            | 0.08                          | 24                                                               | 23                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLXSP                                              | #00                                                           | <a href="#">FNI-2E</a>                           |
| 0.07            | 0.29                                                     | 0.6                            | 0.16                          | 29                                                               | 22                                                          | -22                                 | 212                                 | 0.15 / 0.20                                                                                    | 87                        | 36XSP                                                | #00                                                           | <a href="#">FNI-5EI 20</a>                       |
| 0.04            | 0.21                                                     | 0.8                            | 0.16                          | 43                                                               | 31                                                          | -22                                 | 176                                 | 0.10 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">FNI-6EIC 20</a>                      |
| 0.06            | 0.34                                                     | 2.0                            | -                             | 103                                                              | 91                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36XSP                                                | #00                                                           | <a href="#">FNI-12E</a>                          |
| 0.03            | 0.16                                                     | 0.6                            | 0.12                          | 11                                                               | -                                                           | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 87                        | 36SLXSP                                              | #00                                                           | <a href="#">ST100/U GLOSS</a>                    |
| 0.04            | 0.16                                                     | 0.6                            | 0.08                          | 29                                                               | 51                                                          | -4                                  | 176                                 | 0.10 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">T04 Brown Rhomboid</a>               |
| 0.03            | 0.16                                                     | 0.6                            | 0.08                          | 27                                                               | 40                                                          | -4                                  | 176                                 | 0.10 / 0.15                                                                                    | 79                        | 36LXSP                                               | #00                                                           | <a href="#">T04 Amber Harlequin</a>              |
| 0.03            | 0.14                                                     | 0.6                            | 0.08                          | 26                                                               | 37                                                          | -22                                 | 176                                 | 0.15 / -                                                                                       | 79                        | 36LXSP                                               | #00                                                           | <a href="#">T07/U Mars Embossed</a>              |
| 0.03            | 0.18                                                     | 0.6                            | 0.16                          | 34                                                               | 31                                                          | -4                                  | 176                                 | 0.15 / 0.15                                                                                    | 79                        | 36XSP                                                | #00                                                           | <a href="#">T11/U MATT BLUE</a>                  |
| 0.05            | 0.25                                                     | 0.6                            | 0.16                          | 15                                                               | 29                                                          | -22                                 | 212                                 | 0.15 / 0.20                                                                                    | 63                        | 36SLXSP                                              | #00                                                           | <a href="#">T15/PX</a>                           |
| 0.05            | 0.23                                                     | 0.8                            | 0.16                          | 34                                                               | 24                                                          | -4                                  | 194                                 | 0.10 / 0.20                                                                                    | 85                        | 36SLXSP                                              | #00                                                           | <a href="#">ENT-4EQWR</a>                        |
| 0.06            | 0.35                                                     | 0.8                            | -                             | 40                                                               | 80                                                          | -4                                  | 212                                 | 0.40 / 0.40                                                                                    | 79                        | 36XSP                                                | #00                                                           | <a href="#">IT122 LIGHT BLUE</a>                 |
| 0.09            | 0.43                                                     | 1.0                            | -                             | 51                                                               | 37                                                          | -22                                 | 194                                 | 0.15 / 0.20                                                                                    | 79                        | 36SP                                                 | #1                                                            | <a href="#">FAS-8E</a>                           |
| 0.07            | 0.41                                                     | 1.6                            | -                             | 23                                                               | 69                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 79                        | 36SLSP                                               | #1                                                            | <a href="#">IT191/AS</a>                         |
| 0.09            | 0.39                                                     | 1.6                            | 0.39                          | 23                                                               | 69                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 79                        | 36SLSP                                               | #1                                                            | <a href="#">IT20/RP</a>                          |
| 0.09            | 0.43                                                     | 0.8                            | -                             | 46                                                               | 74                                                          | -22                                 | 140                                 | 0.15 / 0.35                                                                                    | 59                        | 36SLSP                                               | #1                                                            | <a href="#">IT23/GP BLUE</a>                     |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 54                                                               | 74                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">XVT-2303</a>                         |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 51                                                               | 80                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">XVT-2304</a>                         |

## Explanations

• = applicable

◊ = conditionally applicable

- = not applicable

## Materials

impreg. = impregnated

PET/CO = polyester/cotton blend

PA = polyamide

PET = polyester

TPU = polyurethane, thermoplastic

## Joining

T = Thermofix

F = Flexproof

L = Laced

SJ = Step joint

All data are approximate

values under standard

climatic conditions:

23°C/73°F and 50%

relative humidity.

## Cover Friction

S = Super Adhesive

A = Adhesive

M = Medium Adhesive

N = Non-Adhesive

For specific food

approval, such as FDA/

USDA/EU, please

refer to the individual

Product Data Sheets

available online at [www.habasitamerica.com](http://www.habasitamerica.com)

# Food

| Product Group and Name                      | PLY | For slider bed | For carrying roller | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Traction layer, material | Cover friction | Conveying side |               |             | Pulley side |           |             | Class of chemical resistance | Joining |
|---------------------------------------------|-----|----------------|---------------------|------------------------|-------------------------|--------------------|--------------------|--------------------------|----------------|----------------|---------------|-------------|-------------|-----------|-------------|------------------------------|---------|
|                                             |     |                |                     |                        |                         |                    |                    |                          |                | Material       | Surface       | Color       | Material    | Surface   | Color       |                              |         |
|                                             |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| Fabric Cover Series                         |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">FNT-5P</a>                      | 2   | •              | •                   | -                      | •                       | -                  | -                  | PA                       | N              | PA             | fabric        | light grey  | PA          | fabric    | light grey  | 3                            | L,T     |
| <a href="#">FNR-5RFWR</a>                   | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET/CO                   | N              | PET/CO         | fabric        | white       | PET/CO      | fabric    | white       | 3                            | F,L     |
| <a href="#">FNT-8EEWE</a>                   | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | PET            | fabric        | white       | PET         | fabric    | white       | 3                            | F,L     |
| Silicone                                    |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">FAB-5ER 10</a>                  | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | S              | silicone       | smooth        | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FNI-5ER 10</a>                  | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | N              | silicone       | impreg.       | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">WVT-14Q</a>                     | 2   | •              | •                   | •                      | •                       | -                  | -                  | aramide                  | S              | silicone       | smooth        | white       | aramide     | fabric    | beige       | 5                            | F,L,T   |
| Habasit® Cleanline                          |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">CNB-6EB-A1</a>                  | 2   | •              | •                   | •                      | •                       | •                  | •                  | PET                      | N              | Habilene®      | smooth        | white       | TPU         | impreg.   | white       | 10                           | F,L     |
| <a href="#">CNB-6EBC-A1</a>                 | 2   | •              | •                   | •                      | •                       | •                  | •                  | PET                      | N              | Habilene®      | smooth        | blue        | TPU         | impreg.   | white       | 10                           | F,L     |
| <a href="#">CNB-7EZWO-A1</a>                | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPO            | smooth        | white       | TPU         | impreg.   | white       | 10                           | F,L     |
| Premium TPU                                 |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">FAB-5EZCH-P1</a>                | 2   | •              | •                   | •                      | •                       | -                  | •                  | PET                      | A              | TPU            | glossy        | cobalt blue | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FAB-5EZW-H-P1</a>               | 2   | •              | •                   | •                      | •                       | -                  | •                  | PET                      | A              | TPU            | glossy        | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FMB-4EZCH-P1</a>                | 1   | •              | -                   | •                      | •                       | -                  | -                  | PET                      | M              | TPU            | impreg.       | cobalt blue | PET         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FMW-6EZCH-P1</a>                | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | TPU            | waffle        | cobalt blue | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FMW-6EZW-H-P1</a>               | 2   | •              | •                   | •                      | •                       | -                  | •                  | PET                      | M              | TPU            | waffle        | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FNB-5EZCH-P1</a>                | 2   | •              | •                   | •                      | •                       | -                  | •                  | PET                      | M              | TPU            | matt          | cobalt blue | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FNB-5EZW-H-P1</a>               | 2   | •              | •                   | •                      | •                       | -                  | •                  | PET                      | M              | TPU            | matt          | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">FNI-5EIWH-P1</a>                | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | impreg.       | whiat       | TPU         | impreg.   | white       | 6                            | F,L     |
| HabaGUARD                                   |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">FAB-2E+H15</a>                  | 1   | •              | -                   | •                      | •                       | -                  | -                  | PET                      | A              | TPU            | smooth        | white       | TPU         | impreg.   | light blue  | 6                            | F,L     |
| <a href="#">FAB-5E+H15</a>                  | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | A              | TPU            | smooth        | white       | TPU         | impreg.   | light blue  | 6                            | F,L     |
| <a href="#">FAB-8E+H15</a>                  | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | A              | TPU            | smooth        | white       | TPU         | impreg.   | light blue  | 6                            | F,L     |
| <a href="#">FNB-5E+H15</a>                  | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth        | white       | TPU         | impreg.   | light blue  | 6                            | F,L     |
| <a href="#">FNB-6EVWQ+H15</a>               | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth        | white       | TPU         | quad.     | white       | 6                            | F,L     |
| <a href="#">FNB-8E+H15</a>                  | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth        | white       | TPU         | impreg.   | light blue  | 6                            | F,L     |
| <a href="#">FNB-12EVCQ+H15</a>              | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | N              | TPU            | smooth        | cobalt blue | TPU         | quad.     | cobalt blue | 6                            | F,L     |
| <a href="#">PM135RCQS-WH15</a>              | -   | •              | •                   | -                      | •                       | •                  | •                  | PET                      | M              | RMP            | smooth        | white       | PET         | buffed    | white       | 7                            | F,L     |
| Non-Fray                                    |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">T131/U MATT</a>                 | 1   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | M              | TPU            | matt          | white       | TPU         | fine txt. | white       | 6                            | F,L     |
| <a href="#">TT173/U</a>                     | 2   | •              | •                   | -                      | •                       | •                  | -                  | PET                      | M              | TPU            | smooth        | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| Frayless (low fray)                         |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">TT12 Frayless</a>               | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | M              | TPU            | glossy        | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">TT12 Matt Blue Frayless</a>     | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | N              | TPU            | matt          | cobalt blue | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">TT12/AS Matt White Frayless</a> | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | matt          | white       | TPU         | impreg.   | white       | 6                            | F,L     |
| <a href="#">TT12/AS Matt Green Frayless</a> | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | N              | TPU            | matt          | dark green  | TPU         | impreg.   | white       | 6                            | F,L     |
| PVC                                         |     |                |                     |                        |                         |                    |                    |                          |                |                |               |             |             |           |             |                              |         |
| <a href="#">FAB-8EOWV</a>                   | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | PVC            | matt          | white       | TPU         | impreg.   | white       | 7                            | F,L     |
| <a href="#">FAB-10EVCW</a>                  | 2   | -              | •                   | -                      | •                       | -                  | -                  | PET                      | M              | PVC            | matt          | cobalt blue | PVC         | waffle    | cobalt blue | 7                            | F       |
| <a href="#">FAB-12EOWV</a>                  | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | PVC            | matt          | white       | TPU         | impreg.   | white       | 7                            | F,L     |
| <a href="#">FAW-8EOWV</a>                   | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | PVC            | waffle        | white       | TPU         | impreg.   | white       | 7                            | F,L     |
| <a href="#">NAB-5EEWV 11</a>                | 1   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | PVC            | matt          | white       | PET         | fabric    | white       | 7                            | F,L     |
| <a href="#">NAB-8EECV 11</a>                | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | M              | PVC            | matt          | cobalt blue | PET         | fabric    | white       | 7                            | F,L     |
| <a href="#">NAB-8EEWV 11</a>                | 2   | •              | •                   | -                      | •                       | -                  | -                  | PET                      | M              | PVC            | matt          | white       | PET         | fabric    | white       | 7                            | F,L     |
| <a href="#">NSL-8EFWV</a>                   | 2   | •              | •                   | •                      | •                       | -                  | -                  | PET                      | S              | PVC            | long. grooved | white       | PET         | fabric    | white       | 7                            | F,L     |



| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Nosebar Radius, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/Staple (all lacing recommendations are approximate) | Product Name                       |
|-----------------|----------------------------------------------------------|--------------------------------|-------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------------------------------------|------------------------------------|
| 0.04            | 0.18                                                     | 0.8                            | -                             | 19                                                               | 51                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 36XSP                                                | #00                                                           | <a href="#">FNT-5P</a>             |
| 0.10            | 0.47                                                     | 1.0                            | -                             | 34                                                               | 46                                                          | 14                                  | 194                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | #00                                                           | <a href="#">FNR-5RFWR</a>          |
| 0.06            | 0.37                                                     | 0.8                            | -                             | 51                                                               | 34                                                          | 14                                  | 194                                 | 0.15 / 0.15                                                                                    | 118                       | 36XSP                                                | #00                                                           | <a href="#">FNT-8EEWE</a>          |
| 0.04            | 0.23                                                     | 0.6                            | 0.16                          | 37                                                               | 63                                                          | -22                                 | 176                                 | 0.10 / 0.15                                                                                    | 79                        | 36XSP                                                | #00                                                           | <a href="#">FAB-5ER 10</a>         |
| 0.04            | 0.21                                                     | 0.6                            | 0.16                          | 34                                                               | 57                                                          | -22                                 | 212                                 | 0.15 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">FNI-5ER 10</a>         |
| 0.07            | 0.37                                                     | 1.2                            | 0.16                          | 15                                                               | 31                                                          | -22                                 | 356                                 | 0.15/ 0.20                                                                                     | 59                        | 36SLSP                                               | #1                                                            | <a href="#">WVT-140</a>            |
| 0.04            | 0.21                                                     | 0.6                            | 0.08                          | 23                                                               | 40                                                          | -40                                 | 176                                 | 0.15 / 0.20                                                                                    | 94                        | 36SLXSP                                              | #00                                                           | <a href="#">CNB-6EB-A1</a>         |
| 0.04            | 0.21                                                     | 0.6                            | 0.08                          | 24                                                               | 46                                                          | -40                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLXSP                                              | #00                                                           | <a href="#">CNB-6EBC-A1</a>        |
| 0.06            | 0.25                                                     | 0.6                            | 0.16                          | 37                                                               | 63                                                          | -40                                 | 176                                 | 0.10 / 0.20                                                                                    | 79                        | 36XSP                                                | #00                                                           | <a href="#">CNB-7EZWO-A1</a>       |
| 0.05            | 0.27                                                     | 0.6                            | 0.16                          | 40                                                               | 74                                                          | -22                                 | 230                                 | 0.15 / 0.15                                                                                    | 94                        | 36LXSP                                               | #00                                                           | <a href="#">FAB-5EZCH-P1</a>       |
| 0.05            | 0.27                                                     | 0.6                            | 0.08                          | 43                                                               | 69                                                          | -22                                 | 230                                 | 0.15 / 0.15                                                                                    | 94                        | 36LXSP                                               | #00                                                           | <a href="#">FAB-5EZWH-P1</a>       |
| 0.03            | 0.14                                                     | 0.6                            | 0.08                          | 33                                                               | 23                                                          | -22                                 | 212                                 | 0.15 / 0.16                                                                                    | 94.5                      | 36LXSP                                               | #01                                                           | <a href="#">FMB-4EZCH-P1</a>       |
| 0.07            | 0.37                                                     | 0.6                            | 0.16                          | 43                                                               | 80                                                          | -22                                 | 230                                 | 0.15 / 0.20                                                                                    | 94                        | 36LSP                                                | #1                                                            | <a href="#">FMW-6EZCH-P1</a>       |
| 0.07            | 0.35                                                     | 0.6                            | 0.16                          | 40                                                               | 74                                                          | -22                                 | 230                                 | 0.15 / 0.20                                                                                    | 94                        | 36LSP                                                | #1                                                            | <a href="#">FMW-6EZWH-P1</a>       |
| 0.05            | 0.27                                                     | 0.6                            | 0.16                          | 43                                                               | 74                                                          | -40                                 | 230                                 | 0.15 / 0.20                                                                                    | 94                        | 36LXSP                                               | #00                                                           | <a href="#">FNB-5EZCH-P1</a>       |
| 0.05            | 0.29                                                     | 0.6                            | 0.16                          | 43                                                               | 63                                                          | -40                                 | 230                                 | 0.15 / 0.20                                                                                    | 94                        | 36LXSP                                               | #00                                                           | <a href="#">FNB-5EZWH-P1</a>       |
| 0.04            | 0.17                                                     | 0.6                            | 0.16                          | 37                                                               | 57                                                          | -40                                 | 230                                 | 0.15 / 0.20                                                                                    | 94                        | 36XSP                                                | #00                                                           | <a href="#">FNI-5EIWH-P1</a>       |
| 0.03            | 0.14                                                     | 0.6                            | 0.16                          | 21                                                               | 31                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLXSP                                              | #00                                                           | <a href="#">FAB-2E+H15</a>         |
| 0.05            | 0.29                                                     | 0.6                            | 0.16                          | 37                                                               | 63                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLXSP                                              | #00                                                           | <a href="#">FAB-5E+H15</a>         |
| 0.06            | 0.37                                                     | 0.8                            | -                             | 49                                                               | 80                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SLSP                                               | #1                                                            | <a href="#">FAB-8E+H15</a>         |
| 0.05            | 0.29                                                     | 0.6                            | 0.16                          | 40                                                               | 69                                                          | 5                                   | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36XSP                                                | #00                                                           | <a href="#">FNB-5E+H15</a>         |
| 0.06            | 0.37                                                     | 1.2                            | -                             | 46                                                               | 80                                                          | 5                                   | 176                                 | 0.30 / 0.35                                                                                    | 94                        | 36SLXSP                                              | #00                                                           | <a href="#">FNB-6EVWQ+H15</a>      |
| 0.06            | 0.37                                                     | 0.8                            | -                             | 46                                                               | 80                                                          | 5                                   | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36SP                                                 | #00                                                           | <a href="#">FNB-8E+H15</a>         |
| 0.07            | 0.45                                                     | 0.8                            | -                             | 57                                                               | 97                                                          | -4                                  | 176                                 | 0.35 / 0.35                                                                                    | 94                        | 36SLSP                                               | #1                                                            | <a href="#">FNB-12EVCQ+H15</a>     |
| 0.14            | 0.89                                                     | 2.0                            | -                             | 137                                                              | 110                                                         | 10                                  | 180                                 | 0.20 / 0.20                                                                                    | 60                        | #2                                                   | #15                                                           | <a href="#">PM135RCOS-WH15</a>     |
| 0.06            | 0.35                                                     | 0.6                            | -                             | 27                                                               | 23                                                          | -22                                 | 176                                 | 0.35 / 0.35                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">T131/U MATT</a>        |
| 0.09            | 0.53                                                     | 0.6                            | 0.16                          | 46                                                               | 46                                                          | -22                                 | 212                                 | 0.40 / 0.50                                                                                    | 79                        | 36SLSP                                               | #1                                                            | <a href="#">TT173/U</a>            |
| 0.05            | 0.29                                                     | 0.6                            | 0.16                          | 34                                                               | 57                                                          | -4                                  | 212                                 | 0.10 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">TT12</a>               |
| 0.05            | 0.29                                                     | 0.6                            | 0.16                          | 51                                                               | 91                                                          | -4                                  | 212                                 | 0.10 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">TT12 Matt Blue</a>     |
| 0.05            | 0.29                                                     | 0.6                            | -                             | 43                                                               | 74                                                          | -4                                  | 212                                 | 0.10 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">TT12/AS Matt White</a> |
| 0.05            | 0.29                                                     | 0.6                            | -                             | 49                                                               | 80                                                          | -4                                  | 212                                 | 0.10 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">TT12/AS Matt Green</a> |
| 0.08            | 0.47                                                     | 1.0                            | -                             | 57                                                               | 86                                                          | 14                                  | 176                                 | 0.15 / 0.15                                                                                    | 118                       | 36SLSP                                               | #10                                                           | <a href="#">FAB-8EOWV</a>          |
| 0.12            | 0.70                                                     | 2.4                            | -                             | 57                                                               | 57                                                          | 14                                  | 176                                 | 0.35 / 0.40                                                                                    | 118                       | -                                                    | #1                                                            | <a href="#">FAB-10EVCW</a>         |
| 0.10            | 0.64                                                     | 2.4                            | -                             | 69                                                               | 74                                                          | 14                                  | 176                                 | 0.15 / 0.15                                                                                    | 118                       | 1-A HT                                               | #7                                                            | <a href="#">FAB-12EOWV</a>         |
| 0.08            | 0.47                                                     | 1.0                            | -                             | 57                                                               | 80                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36SLSP                                               | #1                                                            | <a href="#">FAW-8EOWV</a>          |
| 0.04            | 0.25                                                     | 0.8                            | -                             | 40                                                               | 40                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36XSP                                                | #00                                                           | <a href="#">NAB-5EEFW 11</a>       |
| 0.08            | 0.47                                                     | 1.0                            | -                             | 63                                                               | 108                                                         | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | #1                                                            | <a href="#">NAB-8EECV 11</a>       |
| 0.08            | 0.47                                                     | 1.0                            | -                             | 63                                                               | 108                                                         | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | #1                                                            | <a href="#">NAB-8EEFW 11</a>       |
| 0.10            | 0.47                                                     | 0.8                            | -                             | 57                                                               | 80                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | #1                                                            | <a href="#">NSL-8EFWV</a>          |

## Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

## Materials

AR = aramide  
 impreg. = impregnated  
 PET/CO = polyester/cotton blend  
 PA = polyamide  
 PET = polyester  
 TPU = polyurethane, thermoplastic

## Joining

T = Thermofix  
 F = Flexproof  
 L = Laced  
 SJ = Step joint

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

## Cover Friction

S = Super Adhesive  
 A = Adhesive  
 M = Medium Adhesive  
 N = Non-Adhesive

For specific food approval, such as FDA/USDA/EU, please refer to the individual Product Data Sheets available online at [www.habasitamercia.com](http://www.habasitamercia.com)

# Food

| Product Group and Name            | PLY | For slider bed | For carrying roller | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Traction layer, material | Cover friction | Conveying side |            |             | Pulley side |           |       | Class of chemical resistance | Joining |
|-----------------------------------|-----|----------------|---------------------|------------------------|-------------------------|--------------------|--------------------|--------------------------|----------------|----------------|------------|-------------|-------------|-----------|-------|------------------------------|---------|
|                                   |     |                |                     |                        |                         |                    |                    |                          |                | Material       | Surface    | Color       | Material    | Surface   | Color |                              |         |
| PolyMate                          |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| <a href="#">PM100RCOS-W</a>       | 1   | ●              | ●                   | -                      | ●                       | ●                  | -                  | PET                      | A              | RM TPE         | smooth     | white       | RM TPE      | impreg.   | white | 7                            | F,L     |
| <a href="#">PM405FBS-BR</a>       | 1   | ●              | ●                   | -                      | ●                       | -                  | -                  | PET                      | N              | SBR            | impreg.    | brown       | SBR         | impreg.   | brown | -                            | F,H,F,L |
| <a href="#">PMRT-W</a>            | 1   | ●              | ●                   | -                      | ●                       | ●                  | ●                  | PET                      | A              | PVC            | tyler wire | white       | PET         | fabric    | white | 3                            | F,H,F,L |
| <a href="#">PMTEF-BE</a>          | 1   | ●              | ●                   | -                      | -                       | -                  | -                  | PET                      | N              | teflon         | glossy     | lt. blue    | PET         | fleece    | white | 5                            | HF,L    |
| <a href="#">PM135RCOS-WH15</a>    | 1   | ●              | ●                   | -                      | ●                       | ●                  | -                  | PET                      | M              | RM TPE         | smooth     | white       | PET         | buffed    | white | 7                            | F,L     |
| Rubber / Other                    |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| R2TW-W                            | 2   | ●              | ●                   | -                      | ●                       | ◊                  | -                  | PET                      | A              | NBR            | tyler wire | white       | NBR         | skim coat | white | #                            | L,T     |
| R3BUT-W                           | 3   | ●              | ●                   | -                      | ●                       | ◊                  | -                  | PET                      | A              | butyl          | fabric     | white       | butyl       | impreg.   | white | #                            | L,T     |
| SWP                               |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| <a href="#">SWP/2HS</a>           | 2   | ●              | ●                   | -                      | ●                       | ●                  | -                  | PET                      | N              | PET            | fabric     | white       | PET         | fabric    | white | 6                            | L,S     |
| <a href="#">SWP/4</a>             | 4   | -              | -                   | -                      | -                       | -                  | -                  | PET                      | N              | PET            | fabric     | white       | PET         | fabric    | white | 6                            | L,S     |
| <a href="#">SWP/4HS</a>           | 4   | ●              | -                   | -                      | -                       | -                  | -                  | PET                      | N              | PET            | fabric     | white       | PET         | fabric    | white | 6                            | L,S     |
| <a href="#">SWP/5</a>             | 5   | -              | -                   | -                      | -                       | -                  | -                  | PET                      | N              | PET            | fabric     | white       | PET         | fabric    | white | 6                            | L,S     |
| <a href="#">SWP/6</a>             | 6   | -              | -                   | -                      | -                       | -                  | -                  | PET                      | N              | PET            | fabric     | white       | PET         | fabric    | white | 6                            | L,S     |
| Polypropylene                     |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| <a href="#">TT124/AS/PP</a>       | 2   | ●              | ●                   | ●                      | ●                       | -                  | -                  | PET                      | N              | PP             | smooth     | white       | PET         | fabric    | white | 9                            | F,L     |
| High Duty                         |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| <a href="#">HNB-5E 14</a>         | 2   | ●              | ●                   | ●                      | -                       | -                  | -                  | PET                      | N              | TPU            | smooth     | green       | TPU         | impreg.   | grey  | 6                            | F,L,T   |
| <a href="#">HNB-8E 14</a>         | 2   | ●              | ●                   | ●                      | -                       | -                  | -                  | PET                      | N              | TPU            | smooth     | green       | TPU         | impreg.   | grey  | 6                            | F,L,T   |
| HNB-12EO                          | 2   | ●              | ●                   | ●                      | -                       | -                  | -                  | PET                      | N              | TPU            | smooth     | green       | TPU         | impreg.   | grey  | 6                            | F,L,T   |
| Extraline                         |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| <a href="#">EMB-12EMCH (NS)</a>   | 2   | ●              | ●                   | ●                      | ●                       | -                  | -                  | PET                      | M              | TPU            | matt       | cobalt blue | TPU         | impreg.   | white | 6                            | F,L,T   |
| Gooseneck                         |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| <a href="#">WVT-191</a>           | 2   | ●              | ●                   | ●                      | ●                       | -                  | -                  | PET                      | M              | TPU            | smooth     | white       | PET         | impreg.   | white | 6                            | F,L     |
| <a href="#">TT12/U Frayless</a>   | 2   | ●              | ●                   | -                      | ●                       | -                  | -                  | PET                      | A              | TPU            | glossy     | white       | TPU         | impreg.   | white | 6                            | F,L     |
| Allveyor                          |     |                |                     |                        |                         |                    |                    |                          |                |                |            |             |             |           |       |                              |         |
| <a href="#">A120COS-W</a>         | 1   | ●              | ●                   | -                      | ●                       | ◊                  | -                  | PET                      | A              | PVC            | smooth     | white       | PVC         | impreg.   | white | 3                            | F,L     |
| <a href="#">A120COS/LS-W (SS)</a> | 1   | ●              | ●                   | -                      | -                       | ◊                  | -                  | PET                      | A              | PVC            | smooth     | white       | PVC         | skim coat | white | 3                            | F,L     |
| <a href="#">A150COS-W</a>         | 1   | ●              | ●                   | -                      | ●                       | ●                  | -                  | PET                      | A              | PVC            | smooth     | white       | PVC         | impreg.   | white | 3                            | F,L     |
| <a href="#">A150COS/LS-W (SS)</a> | 1   | ●              | ●                   | -                      | ●                       | ●                  | -                  | PET                      | A              | PVC            | smooth     | white       | PVC         | skim coat | white | 3                            | F,L     |
| <a href="#">A200COS-W (SS)</a>    | 1   | ●              | ●                   | -                      | -                       | -                  | -                  | PET                      | A              | PVC            | smooth     | white       | PVC         | impreg.   | white | 3                            | F,L     |

| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Nosebar Radius, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/Staple (all lacing recommendations are approximate) | Product Name                    |
|-----------------|----------------------------------------------------------|--------------------------------|-------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------------------------------------|---------------------------------|
| 0.11            | 0.66                                                     | 1.6                            | -                             | 125                                                              | 73                                                          | 10                                  | 176                                 | 0.20 / 0.25                                                                                    | 60                        | 1                                                    | #7                                                            | <a href="#">PM100RCQS-W</a>     |
| 0.11            | 0.59                                                     | 2.5                            | -                             | 120                                                              | 37                                                          | 10                                  | 175                                 | 0.25 / 0.25                                                                                    | 60                        | 1                                                    | #7                                                            | <a href="#">PM405FBS-BR</a>     |
| 0.15            | 0.84                                                     | 2.0                            | -                             | 130                                                              | 18                                                          | 10                                  | 160                                 | 0.15 / 0.20                                                                                    | 72                        | 1                                                    | #15                                                           | <a href="#">PMRT-W</a>          |
| 0.15            | 0.72                                                     | 6.0                            | -                             | 110                                                              | 32                                                          | 50                                  | 176                                 | 0.25 / 0.25                                                                                    | 34                        | 1                                                    | #7                                                            | <a href="#">PMTEF-BE</a>        |
| 0.13            | 0.88                                                     | 2.0                            | -                             | 137                                                              | 110                                                         | 10                                  | 180                                 | 0.15 / 0.20                                                                                    | 60                        | 2                                                    | #15                                                           | <a href="#">PM135RCQS-WH15</a>  |
| 0.11            | 0.71                                                     | 2.0                            | -                             | -                                                                | 30                                                          | 20                                  | 175                                 | - / -                                                                                          | 72                        | 1A                                                   | #7                                                            | R2TW-W                          |
| 0.10            | 0.67                                                     | 2.5                            | -                             | -                                                                | 105                                                         | -65                                 | 300                                 | - / 0.40                                                                                       | 72                        | 36                                                   | #1                                                            | R3BUT-W                         |
| 0.10            | 0.37                                                     | 1.0                            | -                             | 26                                                               | -                                                           | 32                                  | 310                                 | 0.15 / 0.15                                                                                    | 86                        | 36                                                   | #7                                                            | <a href="#">SWP/2HS</a>         |
| 0.21            | 0.74                                                     | 3.0                            | -                             | 57                                                               | 91                                                          | 32                                  | 310                                 | 0.15 / 0.15                                                                                    | 86                        | 3                                                    | #25                                                           | <a href="#">SWP/4</a>           |
| 0.20            | 0.70                                                     | 3.0                            | -                             | 69                                                               | 92                                                          | -60                                 | 310                                 | 0.15 / 0.20                                                                                    | 72                        | 3                                                    | #20                                                           | <a href="#">SWP/4HS</a>         |
| 0.22            | 0.86                                                     | 3.5                            | -                             | 69                                                               | 73                                                          | 32                                  | 310                                 | 0.15 / 0.20                                                                                    | 86                        | 4                                                    | #27                                                           | <a href="#">SWP/5</a>           |
| 0.26            | 1.02                                                     | 4.5                            | -                             | 100                                                              | 82                                                          | 32                                  | 310                                 | 0.15 / 0.20                                                                                    | 50                        | 5                                                    | #27                                                           | <a href="#">SWP/6</a>           |
| 0.06            | 0.31                                                     | 2.4                            | -                             | 57                                                               | -                                                           | 32                                  | 248                                 | 0.15 / 0.15                                                                                    | 77                        | 36SLXSP                                              | #00                                                           | <a href="#">TT124/AS/PP</a>     |
| 0.05            | 0.31                                                     | 0.6                            | 0.2                           | 40                                                               | 40                                                          | -4                                  | 194                                 | 0.15 / 0.15                                                                                    | 157                       | 36XSP                                                | #00                                                           | <a href="#">HNB-5E 14</a>       |
| 0.06            | 0.37                                                     | 0.8                            | -                             | 43                                                               | 80                                                          | -4                                  | 194                                 | 0.15 / 0.15                                                                                    | 157                       | 36SP                                                 | #00                                                           | <a href="#">HNB-8E 14</a>       |
| 0.10            | 0.57                                                     | 2.0                            | -                             | 114                                                              | 148                                                         | 5                                   | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36                                                   | #7                                                            | HNB-12EO                        |
| 0.07            | 0.37                                                     | 0.6                            | 0.3                           | 74                                                               | 126                                                         | -22                                 | 158                                 | 0.15 / 0.15                                                                                    | 157                       | 36LXSP                                               | #00                                                           | <a href="#">EMB-12EMCH</a>      |
| 0.07            | 0.43                                                     | 1.2                            | -                             | 34                                                               | -                                                           | -4                                  | 185                                 | 0.15 / 0.15                                                                                    | 59                        | -                                                    | -                                                             | <a href="#">WVT-191</a>         |
| 0.05            | 0.29                                                     | 0.6                            | 0.2                           | 31                                                               | 63                                                          | -22                                 | 212                                 | 0.10 / 0.15                                                                                    | 79                        | 36SLXSP                                              | #00                                                           | <a href="#">TT12/U Frayless</a> |
| 0.14            | 0.84                                                     | 3.1                            | -                             | 69                                                               | 137                                                         | -10                                 | 180                                 | 0.30 / 0.35                                                                                    | 72                        | 1                                                    | #15                                                           | <a href="#">A120COS-W</a>       |
| 0.13            | 0.87                                                     | 3.1                            | -                             | 69                                                               | 51                                                          | -10                                 | 180                                 | 0.40 / 0.40                                                                                    | 72                        | 1                                                    | #15                                                           | <a href="#">A120COS/LS-W</a>    |
| 0.15            | 1.00                                                     | 4.0                            | -                             | -                                                                | 150                                                         | -10                                 | 180                                 | - / 0.30                                                                                       | 72                        | 2                                                    | #20                                                           | <a href="#">A150COS-W</a>       |
| 0.16            | 1.03                                                     | 4.0                            | -                             | -                                                                | 150                                                         | -10                                 | 180                                 | - / 0.35                                                                                       | 72                        | 2                                                    | #20                                                           | <a href="#">A150COS/LS-W</a>    |
| 0.22            | 1.30                                                     | 6.0                            | -                             | 114                                                              | 183                                                         | -10                                 | 180                                 | 0.40 / 0.30                                                                                    | 60                        | 3                                                    | #187                                                          | <a href="#">A200COS-W</a>       |

## Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

## Materials

impreg. = impregnated  
NBR = acrylo-nitrile-butadiene rubber  
PET = polyester  
PVC = polyvinylchloride  
RMP = rubber modified product  
SBR = styrene butadiene rubber  
TPU = polyurethane, thermoplastic

## Joining

F = Flexproof  
HF = Hidden Finger  
L = Laced  
S = Sewn joint  
T = Thermofix

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

## Cover Friction

A = Adhesive  
M = Medium Adhesive  
N = Non-Adhesive

\*\*tensile force at 2% elongation

For specific food approval, such as FDA/USDA/EU, please refer to the individual Product Data Sheets available online at [www.habasitamercia.com](http://www.habasitamercia.com)

# Paper and Printing, Postal (machine tapes)

| Product Group and Name        | PLY | For slider bed | For carrying roller | Permanently antistatic | Metal detector suitable | Traction layer, material | Cover friction | Conveying side |               |            | Pulley side |          |               |            | Class of chemical resistance | Joining |  |
|-------------------------------|-----|----------------|---------------------|------------------------|-------------------------|--------------------------|----------------|----------------|---------------|------------|-------------|----------|---------------|------------|------------------------------|---------|--|
|                               |     |                |                     |                        |                         |                          |                | Material       | Surface       | Color      | Friction    | Material | Surface       | Color      |                              |         |  |
|                               |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| Hamid Series (elastic)        |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">MAT-02H</a>       | 0   | -              | -                   | •                      | -                       | Hamid®                   | A              | NBR            | rough         | green      | A           | NBR      | rough         | black      | 2                            | F,L,Q   |  |
| <a href="#">MAM-04H</a>       | 0   | -              | •                   | •                      | •                       | Hamid®                   | A              | NBR            | fine          | green      | A           | NBR      | rough         | black      | 2                            | F,L,Q   |  |
| <a href="#">MAM-05HP</a>      | 0   | -              | •                   | •                      | -                       | Hamid®                   | A              | NBR            | fine          | green      | A           | NBR      | rough textile | black      | 2                            | F,L,Q   |  |
| <a href="#">MAN-05H</a>       | 0   | -              | •                   | •                      | -                       | Hamid®                   | A              | PET            | fleece        | anthracite | A           | NBR      | rough textile | black      | 2                            | F,Q     |  |
| Polyurethane Series (elastic) |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">MAB-02</a>        | 0   | •              | •                   | •                      | •                       | TPU                      | M              | TPU            | fine textile  | green      | N           | PUR      | fine textile  | black      | 2                            | F,Q     |  |
| <a href="#">MAB-05</a>        | 0   | •              | •                   | •                      | •                       | TPU                      | M              | TPU            | fine textile  | green      | N           | PUR      | fine textile  | black      | 2                            | F,Q     |  |
| <a href="#">WVT-125</a>       | -   | -              | •                   | •                      | •                       | TPU                      | M              | PUR            | coarse        | black      | M           | TPU      | coarse        | black      | 2                            | F,Q     |  |
| PA Series                     |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">MAM-5P</a>        | 1   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | fine          | green      | N           | Hamid®   | smooth        | black      | 2                            | F,L,Q   |  |
| <a href="#">MAT-5P</a>        | 1   | •              | •                   | •                      | -                       | PA                       | A              | EPDM           | rough         | green      | N           | Hamid®   | smooth        | black      | 2                            | F,L,Q   |  |
| High-Friction both sides      |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">MAB-8E</a>        | 1   | •              | •                   | •                      | •                       | PET                      | A              | TPU            | fine          | dark green | A           | TPU      | fine          | dark green | 6                            | F,L     |  |
| <a href="#">MAM-5E</a>        | 1   | •              | •                   | •                      | -                       | PET                      | A              | NBR            | fine          | green      | A           | NBR      | fine          | black      | 2                            | F       |  |
| High-Friction (one side)      |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">MAM-8P</a>        | 1   | •              | •                   | •                      | -                       | PA/H                     | A              | NBR            | fine          | green      | N           | Hamid®   | smooth        | black      | 2                            | F       |  |
| <a href="#">MVT-5E</a>        | 2   | •              | •                   | •                      | -                       | PET                      | A              | NBR            | rough textile | green      | N           | TPU      | impreg.       | off-white  | 6                            | F,L     |  |
| <a href="#">MVT-6P</a>        | 2   | -              | •                   | •                      | -                       | PA/TPU                   | N              | PUR            | impreg.       | black      | A           | NBR      | fine textile  | green      | 2                            | F,L     |  |
| Low-Friction (both sides)     |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">ENI-5P</a>        | 2   | •              | •                   | •                      | -                       | PA                       | N              | PUR            | impreg.       | black      | N           | PUR      | impreg.       | black      | 2                            | L,T     |  |
| <a href="#">MNT-5P</a>        | 2   | •              | •                   | •                      | -                       | PA/TPU                   | N              | PUR            | impreg.       | black      | N           | PUR      | impreg.       | black      | 2                            | F,L     |  |
| <a href="#">MNT-8P</a>        | 2   | •              | •                   | •                      | -                       | PA/H                     | N              | PA             | fabric        | light grey | N           | PA       | fabric        | light grey | 2                            | F,L     |  |
| PA Series (various)           |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">A-1</a>           | 2   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | matt          | green      | N           | PUR      | smooth        | black      | 2                            | L,T     |  |
| <a href="#">F-0</a>           | 2   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | rough         | green      | N           | NBR      | impreg.       | green      | 2                            | L,T     |  |
| <a href="#">F-1</a>           | 2   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | rough         | green      | N           | NBR      | impreg.       | green      | 2                            | L,T     |  |
| <a href="#">HAM-5P</a>        | 3   | •              | -                   | •                      | -                       | PA                       | A              | NBR            | matt          | green      | N           | PUR      | impreg.       | black      | 2                            | L,T     |  |
| <a href="#">HAT-8P</a>        | 2   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | rough textile | green      | N           | PUR      | impreg.       | black      | 2                            | L,T     |  |
| <a href="#">HAT-12P</a>       | 3   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | rough textile | green      | N           | PUR      | impreg.       | black      | 2                            | L,T     |  |
| <a href="#">HAT-15E</a>       | 2   | •              | •                   | •                      | -                       | PET                      | A              | NBR            | rough textile | green      | N           | PET      | impreg.       | light grey | 2                            | F       |  |
| <a href="#">HNI-5PE</a>       | 3   | •              | -                   | •                      | -                       | PA                       | N              | PA             | fabric        | green      | N           | PUR      | impreg.       | black      | 2                            | L,T     |  |
| <a href="#">HNU-8P</a>        | 2   | •              | •                   | -                      | •                       | PA                       | N              | PA             | glossy        | green      | M           | PA       | glossy        | green      | 1                            | L,T     |  |
| <a href="#">TS-55</a>         | 1   | -              | -                   | •                      | -                       | PA                       | N              | PA/CO          | fabric        | yellow     | N           | NBR      | sand          | green      | 2                            | L,T     |  |
| PET Series (various)          |     |                |                     |                        |                         |                          |                |                |               |            |             |          |               |            |                              |         |  |
| <a href="#">HAT-5E_15</a>     | 2   | •              | •                   | •                      | -                       | PET                      | A              | NBR            | rough textile | green      | N           | TPU      | impreg.       | grey       | 6                            | F,L,Q   |  |
| <a href="#">W-8</a>           | 1   | -              | -                   | •                      | -                       | PET/CO                   | N              | TPU            | impreg.       | green      | N           | TPU      | smooth        | black      | 6                            | F,L     |  |

| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum Temperature [°F] Continuous | Maximum Temperature [°F] Continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/Staple (all lacing recommendations are approximate) | Product Name              |
|-----------------|----------------------------------------------------------|--------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------------------------------------|---------------------------|
| 0.06            | 0.29                                                     | 0.6                            | 5                                                                | -                                                           | -4                                  | 140                                 | 0.70 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MAT-02H</a>   |
| 0.06            | 0.29                                                     | 0.6                            | 15                                                               | -                                                           | -4                                  | 140                                 | 0.70 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MAM-04H</a>   |
| 0.06            | 0.33                                                     | 0.6                            | 18                                                               | -                                                           | -4                                  | 140                                 | 0.70 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MAM-05HP</a>  |
| 0.07            | 0.35                                                     | 0.8                            | 29                                                               | -                                                           | -4                                  | 140                                 | 0.70 / -                                                                                       | 47                        | -                                                    | -                                                             | <a href="#">MAN-05H</a>   |
| 0.05            | 0.27                                                     | 0.6                            | 8                                                                | -                                                           | -22                                 | 140                                 | 0.40 / -                                                                                       | 57                        | -                                                    | -                                                             | <a href="#">MAB-02</a>    |
| 0.06            | 0.33                                                     | 0.6                            | 19                                                               | -                                                           | -22                                 | 140                                 | 0.40 / -                                                                                       | 57                        | -                                                    | -                                                             | <a href="#">MAB-05</a>    |
| 0.05            | 0.27                                                     | 0.6                            | 9                                                                | -                                                           | -22                                 | 194                                 | 0.60 / -                                                                                       | 57                        | -                                                    | -                                                             | <a href="#">WVT-125</a>   |
| 0.05            | 0.27                                                     | 0.8                            | 26                                                               | -                                                           | -4                                  | 140                                 | 0.20 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MAM-5P</a>    |
| 0.06            | 0.29                                                     | 0.8                            | 25                                                               | -                                                           | -4                                  | 140                                 | 0.20 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MAT-5P</a>    |
| 0.05            | 0.30                                                     | 1.0                            | 43                                                               | -                                                           | -4                                  | 140                                 | 0.70 / -                                                                                       | 47                        | 25                                                   | #00                                                           | <a href="#">MAB-8E</a>    |
| 0.06            | 0.31                                                     | 1.0                            | 29                                                               | -                                                           | -4                                  | 140                                 | 0.50 / -                                                                                       | 47                        | -                                                    | -                                                             | <a href="#">MAM-5E</a>    |
| 0.07            | 0.41                                                     | 1.6                            | 37                                                               | -                                                           | -4                                  | 140                                 | 0.20 / -                                                                                       | 47                        | -                                                    | -                                                             | <a href="#">MAM-8P</a>    |
| 0.05            | 0.33                                                     | 0.8                            | 34                                                               | -                                                           | -4                                  | 140                                 | 0.15 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MVT-5E</a>    |
| 0.06            | 0.33                                                     | 1.0                            | 27                                                               | -                                                           | -4                                  | 140                                 | 0.20 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MVT-6P</a>    |
| 0.04            | 0.23                                                     | 0.8                            | 49                                                               | 91                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 36XSP                                                | #00                                                           | <a href="#">ENI-5P</a>    |
| 0.04            | 0.22                                                     | 0.8                            | 29                                                               | -                                                           | -4                                  | 140                                 | 0.20 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">MNT-5P</a>    |
| 0.07            | 0.34                                                     | 1.0                            | 51                                                               | -                                                           | -4                                  | 140                                 | 0.25 / -                                                                                       | 47                        | 36SLXSP                                              | #1                                                            | <a href="#">MNT-8P</a>    |
| 0.05            | 0.27                                                     | 1.6                            | 40                                                               | -                                                           | -4                                  | 212                                 | 0.30 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">A-1</a>       |
| 0.03            | 0.14                                                     | 0.8                            | 26                                                               | -                                                           | -4                                  | 212                                 | 0.15 / -                                                                                       | 47                        | 36XSP                                                | #00                                                           | <a href="#">F-0</a>       |
| 0.05            | 0.26                                                     | 1.6                            | 40                                                               | -                                                           | -4                                  | 212                                 | 0.15 / -                                                                                       | 47                        | 36XSP                                                | #00                                                           | <a href="#">F-1</a>       |
| 0.04            | 0.20                                                     | 0.8                            | 21                                                               | 46                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 36XSP                                                | #00                                                           | <a href="#">HAM-5P</a>    |
| 0.08            | 0.43                                                     | 1.0                            | 26                                                               | 54                                                          | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 36SP                                                 | #1                                                            | <a href="#">HAT-8P</a>    |
| 0.12            | 0.66                                                     | 1.6                            | 43                                                               | 91                                                          | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 1-A HT                                               | #7                                                            | <a href="#">HAT-12P</a>   |
| 0.11            | 0.64                                                     | 1.6                            | 120                                                              | 160                                                         | -22                                 | 212                                 | 0.15 / 0.20                                                                                    | 47                        | -                                                    | -                                                             | <a href="#">HAT-15E</a>   |
| 0.04            | 0.15                                                     | 0.6                            | 19                                                               | -                                                           | -22                                 | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 36XSP                                                | #00                                                           | <a href="#">HNI-5PE</a>   |
| 0.04            | 0.21                                                     | 2.0                            | 25                                                               | 57                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">HNU-8P</a>    |
| 0.03            | 0.16                                                     | 1.0                            | 14                                                               | -                                                           | -4                                  | 212                                 | - / -                                                                                          | 47                        | 36XSP                                                | #00                                                           | <a href="#">IS-55</a>     |
| 0.06            | 0.37                                                     | 1.0                            | 37                                                               | 69                                                          | 32                                  | 176                                 | 0.15 / 0.15                                                                                    | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">HAT-5E 15</a> |
| 0.03            | 0.14                                                     | 0.6                            | 34                                                               | -                                                           | -4                                  | 140                                 | 0.40 / -                                                                                       | 47                        | 36SLXSP                                              | #00                                                           | <a href="#">W-8</a>       |

### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PA/CO = polyamide / cotton

PA/H = polyamide / Hamid

PA/TPU = polyamide / polyurethane

PET = polyester

PET/CO = polyester /cotton

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SBR = styrene butadiene rubber

TPU = polyurethane, thermoplastic

### Joining

- F = Flexproof
- HF = Hidden Finger
- L = Laced
- T = Thermofix
- Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

### Cover Friction

- S = Super Adhesive
- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

\*tensile force at 1.5% elongation

# Paper and Printing, Postal (machine tapes)

## Various converting

| Product Group and Name        | PLY | For slider bed | For carrying roller | Permanently antistatic | Metal detector suitable | Traction layer, material | Cover friction | Conveying side |               |            | Pulley side |          |         |           | Class of chemical resistance | Joining |
|-------------------------------|-----|----------------|---------------------|------------------------|-------------------------|--------------------------|----------------|----------------|---------------|------------|-------------|----------|---------|-----------|------------------------------|---------|
|                               |     |                |                     |                        |                         |                          |                | Material       | Surface       | Color      | Friction    | Material | Surface | Color     |                              |         |
| High Duty                     |     |                |                     |                        |                         |                          |                |                |               |            |             |          |         |           |                              |         |
| <a href="#">HAG-12E</a>       | 2   | •              | •                   | •                      | -                       | PET                      | A              | NBR            | grip          | green      | N           | PUR      | impreg. | black     | 5                            | L,T     |
| <a href="#">HAR-12E</a>       | 2   | •              | •                   | •                      | -                       | PET                      | A              | NBR            | rough textile | green      | N           | PET      | fabric  | white     | 5                            | F,L,T   |
| <a href="#">HAT-18PWPD</a>    | 3   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | rough textile | apple grn  | A           | PUR      | impreg. | black     | 2                            | L,T     |
| <a href="#">HAT-24PWPD</a>    | 2   | •              | •                   | •                      | -                       | PA                       | A              | NBR            | rough textile | apple grn  | N           | PUR      | impreg. | black     | 2                            | L,T     |
| Standard & N-Line             |     |                |                     |                        |                         |                          |                |                |               |            |             |          |         |           |                              |         |
| <a href="#">SAG-8E 07</a>     | 2   | •              | •                   | •                      | -                       | PET                      | A              | PVC            | grip          | anthracite | N           | PET      | fabric  | off white | 3                            | F,L,T   |
| <a href="#">SAG-12E</a>       | 2   | •              | •                   | •                      | -                       | PET                      | A              | EPDM           | grip          | anthracite | N           | PET      | fabric  | off white | 4                            | L,T     |
| <a href="#">NAB-18EEAV 11</a> | 3   | •              | •                   | •                      | •                       | PET                      | A              | PVC            | smooth        | anthracite | N           | PET      | fabric  | white     | 3                            | F,L     |
| <a href="#">NSB-12EEAV 11</a> | 3   | •              | •                   | •                      | •                       | PET                      | A              | PVC            | smooth        | anthracite | N           | PET      | fabric  | white     | 3                            | F,L     |
| <a href="#">NAS-8EHDV</a>     | 2   | •              | •                   | •                      | •                       | PET                      | A              | PVC            | sawtooth      | dark green | N           | PET      | fabric  | white     | 3                            | F,L     |
| PolyMate                      |     |                |                     |                        |                         |                          |                |                |               |            |             |          |         |           |                              |         |
| <a href="#">PMARKLNG-BE</a>   | 1   | •              | •                   | -                      | -                       | PET                      | M              | TPA            | rough struct  | blue       | N           | TPA      | impreg. | black     | -                            | HF,L    |



| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum Temperature [°F] Continuous | Maximum Temperature [°F] Continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/ Staple (all lacing recommendations are approximate) | Product Name                  |
|-----------------|----------------------------------------------------------|--------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|----------------------------------------------------------------|-------------------------------|
| 0.23            | 0.94                                                     | 3.2                            | 126                                                              | 103                                                         | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 1A-HT                                                | #1                                                             | <a href="#">HAG-12E</a>       |
| 0.07            | 0.37                                                     | 1.6                            | 120                                                              | 126                                                         | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 36SP                                                 | #1                                                             | <a href="#">HAR-12E</a>       |
| 0.15            | 0.84                                                     | 2.0                            | 40                                                               | 91                                                          | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 2                                                    | #15                                                            | <a href="#">HAT-18PWPD</a>    |
| 0.24            | 1.39                                                     | 3.2                            | 80                                                               | 114                                                         | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 4                                                    | #125                                                           | <a href="#">HAT-24PWPD</a>    |
| 0.17            | 0.76                                                     | 1.6                            | 51                                                               | 46                                                          | 14                                  | 140                                 | 0.15 / 0.15                                                                                    | 126                       | 36SP                                                 | #25                                                            | <a href="#">SAG-8E 07</a>     |
| 0.20            | 0.86                                                     | 2.4                            | 97                                                               | 171                                                         | -22                                 | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 36                                                   | #15                                                            | <a href="#">SAG-12E</a>       |
| 0.19            | 1.15                                                     | 4.9                            | 86                                                               | 143                                                         | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 2HT                                                  | #20                                                            | <a href="#">NAB-18EEAV 11</a> |
| 0.19            | 1.15                                                     | 3.2                            | 80                                                               | 126                                                         | 14                                  | 176                                 | 0.15 / 0.15                                                                                    | 118                       | 2                                                    | #20                                                            | <a href="#">NSB-12EEAV 11</a> |
| 0.35            | 1.13                                                     | 2.4                            | 46                                                               | 63                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 2                                                    | #15                                                            | <a href="#">NAS-8EHDV</a>     |
| 0.30            | 1.40                                                     | 2.0                            | 128                                                              | -                                                           | 10                                  | 212                                 | 0.20 / 0.20                                                                                    | 72                        | 5                                                    | #27                                                            | <a href="#">PMARKLNG-BE</a>   |

### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

EPDM = ethylene propylene terpolymer

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PA/CO = polyamide / cotton

PET = polyester

PET/CO = polyester /cotton

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SBR = styrene butadiene rubber

TPA = thermoplastic alloy

TPU = polyurethane, thermoplastic

### Joining

- F = Flexproof
- HF = Hidden Finger
- L = Laced
- T = Thermofix

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

### Cover Friction

- S = Super Adhesive
- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

\*tensile force at 1.5% elongation

# Corrugated (folder-gluer)

| Product Group and Name        | Permanently antistatic | Traction layer, material | Conveying side |               |             | Pulley side |         |            | Class of chemical resistance | Joining |
|-------------------------------|------------------------|--------------------------|----------------|---------------|-------------|-------------|---------|------------|------------------------------|---------|
|                               |                        |                          | Material       | Surface       | Color       | Material    | Surface | Color      |                              |         |
| FT Series (polyester)         |                        |                          |                |               |             |             |         |            |                              |         |
| <a href="#">FT-18/30E</a>     | -                      | PET                      | TPA            | rough textile | light gray  | TPA         | rough   | light gray | 2                            | F       |
| <a href="#">FT-18/40E</a>     | •                      | PET                      | TPA            | rough textile | light gray  | TPA         | rough   | light gray | 2                            | F       |
| CM Series                     |                        |                          |                |               |             |             |         |            |                              |         |
| <a href="#">CM-4/30F</a>      | •                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | F       |
| <a href="#">CM-4/40F</a>      | •                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | F       |
| <a href="#">CM-4/50F</a>      | •                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | F       |
| TC Series                     |                        |                          |                |               |             |             |         |            |                              |         |
| <a href="#">CM-18/30E</a>     | •                      | PET                      | NBR            | rough         | green       | NBR         | rough   | green      | 2                            | F       |
| <a href="#">TC-35ER</a>       | •                      | PET                      | NBR            | rough         | light green | NBR         | rough   | black      | 2                            | F       |
| S Series                      |                        |                          |                |               |             |             |         |            |                              |         |
| <a href="#">S-18/30</a>       | •                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | T       |
| <a href="#">FR-18/60</a>      | -                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | T       |
| <a href="#">FR-10/30</a>      | -                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | T       |
| <a href="#">FR-10/40</a>      | -                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | T       |
| Corrugator Belt               |                        |                          |                |               |             |             |         |            |                              |         |
| <a href="#">HAG-12E</a>       | •                      | PET                      | NBR            | rough         | green       | PUR         | impreg. | black      | 5                            | L,T     |
| <a href="#">HAT-24PWPD</a>    | •                      | PA                       | NBR            | rough textile | apple green | PUR         | impreg. | black      | 2                            | L,T     |
| <a href="#">NSB-12EEAV 11</a> | •                      | PET                      | PVC            | smooth        | dark grey   | PET         | fabric  | white      | 3                            | F,L     |
| <a href="#">NAS-8EHDV</a>     | •                      | PET                      | PVC            | sawtooth      | dark green  | PET         | fabric  | white      | 3                            | F,L     |
| <a href="#">PMARKLNG-BE</a>   | -                      | PET                      | TPA            | rough         | blue        | fleece      | buffed  | black      | -                            | F,L     |
| <a href="#">PMAKLNG-BR</a>    | -                      | PET                      | TPA            | rough         | brown       | fleece      | impreg. | brown      | -                            | F,L     |
| <a href="#">S-33/50</a>       | •                      | PA                       | NBR            | rough         | light green | NBR         | rough   | yellow     | 2                            | T       |
| <a href="#">SAG-12E</a>       | •                      | PET                      | EPDM           | grip          | anthracite  | PET         | fabric  | off-white  | 4                            | L,T     |

| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Product Name                  |
|-----------------|----------------------------------------------------------|--------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|
| 0.12            | 0.66                                                     | 1.2                            | 103                                                              | -                                                           | 32                                  | 140                                 | -                                                                                              | 43                        | <a href="#">FT-18/30E</a>     |
| 0.16            | 0.82                                                     | 1.6                            | 103                                                              | -                                                           | 32                                  | 140                                 | -                                                                                              | 43                        | <a href="#">FT-18/40E</a>     |
| 0.12            | 0.66                                                     | 1.6                            | 23                                                               | -                                                           | -4                                  | 149                                 | -                                                                                              | 45                        | <a href="#">CM-4/30F</a>      |
| 0.16            | 0.88                                                     | 2.0                            | 23                                                               | -                                                           | -4                                  | 149                                 | -                                                                                              | 45                        | <a href="#">CM-4/40F</a>      |
| 0.20            | 1.17                                                     | 2.4                            | 23                                                               | -                                                           | -4                                  | 149                                 | 0.70                                                                                           | 45                        | <a href="#">CM-4/50F</a>      |
| 0.13            | 0.66                                                     | 2.8                            | 86                                                               | 246                                                         | -4                                  | 149                                 | 0.70                                                                                           | 47                        | <a href="#">CM-18/30F</a>     |
| 0.10            | 0.53                                                     | 2.0                            | 103                                                              | 217                                                         | -4                                  | 158                                 | 0.40                                                                                           | 43                        | <a href="#">TC-35ER</a>       |
| 0.12            | 0.61                                                     | 2.4                            | 46                                                               | 126                                                         | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-18/30</a>       |
| 0.24            | 1.45                                                     | 2.4                            | 43                                                               | -                                                           | 32                                  | 212                                 | -                                                                                              | 45                        | <a href="#">FR-18/60</a>      |
| 0.12            | 0.72                                                     | 1.2                            | 29                                                               | -                                                           | 32                                  | 212                                 | -                                                                                              | 45                        | <a href="#">FR-10/30</a>      |
| 0.16            | 0.92                                                     | 1.6                            | 29                                                               | -                                                           | 32                                  | 212                                 | -                                                                                              | 45                        | <a href="#">FR-10/40</a>      |
| 0.23            | 0.94                                                     | 3.2                            | 126                                                              | 103                                                         | 32                                  | 212                                 | 0.15                                                                                           | 47                        | <a href="#">HAG-12E</a>       |
| 0.24            | 1.39                                                     | 3.2                            | 80                                                               | 114                                                         | 32                                  | 212                                 | 0.15                                                                                           | 94                        | <a href="#">HAT-24PWP</a>     |
| 0.19            | 1.15                                                     | 3.2                            | 80                                                               | 126                                                         | 14                                  | 176                                 | 0.15                                                                                           | 118                       | <a href="#">NSB-12EEAV 11</a> |
| 0.35            | 1.13                                                     | 2.4                            | 46                                                               | 63                                                          | 14                                  | 158                                 | 0.15                                                                                           | 118                       | <a href="#">NAS-8EHDV</a>     |
| 0.30            | 1.40                                                     | 2.0                            | 128                                                              | 82                                                          | 10                                  | 212                                 | 0.20                                                                                           | 72                        | <a href="#">PMARKLNG-BE</a>   |
| 0.28            | 0.90                                                     | 3.0                            | 140                                                              | 82                                                          | -10                                 | 180                                 | 0.25                                                                                           | 72                        | <a href="#">PMAKLNG-BR</a>    |
| 0.20            | 1.11                                                     | 4.9                            | 74                                                               | 211                                                         | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-33/50</a>       |
| 0.20            | 0.86                                                     | 2.4                            | 97                                                               | 171                                                         | -22                                 | 212                                 | 0.15                                                                                           | 47                        | <a href="#">SAG-12E</a>       |

#### Explanations

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- ◊ = conditionally applicable
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PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SBR = styrene butadiene rubber

TPA = thermoplastic alloy

#### Joining

T = Thermofix  
F = Flexproof  
L = Laced

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

# Wood

| Product Group and Name             | PLY | For slider bed | For carrying roller | Low noise, back side | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Traction layer, material | Cover friction | Conveying side |                |             | Pulley side |            |             | Class of chemical resistance | Joining |
|------------------------------------|-----|----------------|---------------------|----------------------|------------------------|-------------------------|--------------------|--------------------|--------------------------|----------------|----------------|----------------|-------------|-------------|------------|-------------|------------------------------|---------|
|                                    |     |                |                     |                      |                        |                         |                    |                    |                          |                | Material       | Surface        | Color       | Material    | Surface    | Color       |                              |         |
|                                    |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| Extraline                          |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">EMB-12EMCH (NS)</a>    | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | M              | TPU            | matt           | cobalt blue | TPU         | impreg.    | white       | 6                            | F,L,T   |
| <a href="#">EMM-20ERCH-W2</a>      | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | M              | TPU            | super matt     | cobalt blue | PET         | impreg.    | white       | 6                            | F,L     |
| <a href="#">ENA-151AEBH</a>        | 3   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | aramide                  | N              | PUR            | smooth         | black       | TPU         | impreg.    | black       | 6                            | F       |
| <a href="#">ENI-10E 15</a>         | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | N              | TPU            | impreg.        | light grey  | TPU         | impreg.    | light grey  | 3                            | F,L     |
| <a href="#">ENR-12E (NS)</a>       | 1   | ●              | -                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | PET            | fabric         | blue        | PET         | fabric     | blue        | 6                            | F,WT    |
| <a href="#">ENR-12EGSH-L1 (NS)</a> | 1   | ●              | -                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | PET            | fabric         | light blue  | PET         | fabric     | light blue  | 6                            | DPSL,F  |
| <a href="#">ENT-12E (NS)</a>       | 1   | ●              | -                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | PET            | fabric         | white       | PET         | fabric     | white       | 6                            | F,WT    |
| <a href="#">ENT-12EEWL (NS)</a>    | 1   | ●              | -                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | PET            | fabric         | white       | PET         | fabric     | white       | 6                            | SLS     |
| <a href="#">ENU-50AXBD</a>         | 3   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | aramide                  | N              | TPU            | smooth         | black       | TPU         | impreg.    | grey        | 6                            | F,L     |
| TPU Types                          |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">XVT-2304</a>           | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | TPU            | smooth         | white       | TPU         | impreg.    | white       | 6                            | F,L     |
| <a href="#">FNI-12E</a>            | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | N              | TPU            | impreg.        | off white   | TPU         | impreg.    | off white   | 6                            | F,L,T   |
| High Duty                          |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">HAB-12E</a>            | 2   | ●              | ●                   | -                    | ●                      | -                       | ●                  | -                  | PET                      | S              | NBR            | smooth         | green       | PUR         | impreg.    | black       | 5                            | L,T     |
| <a href="#">HAG-12E</a>            | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | A              | NBR            | rouhtop        | green       | PUR         | impreg.    | black       | 5                            | L,T     |
| <a href="#">HAT-8P</a>             | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | A              | NBR            | rough textile  | green       | PUR         | impreg.    | black       | 5                            | L,T     |
| <a href="#">HAT-12P</a>            | 3   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | A              | NBR            | rough textile  | green       | PUR         | impreg.    | black       | 2                            | L,T     |
| <a href="#">HAT-15E</a>            | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | A              | NBR            | rough textile  | green       | PUR         | impreg.    | light grey  | 2                            | F       |
| <a href="#">HAT-18PWPDP</a>        | 4   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | A              | NBR            | rough textiile | apple grn   | PUR         | impreg.    | black       | 3                            | L,T     |
| <a href="#">HAT-24PWPDP</a>        | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | A              | NBR            | rough textile  | apple grn   | PUR         | impreg.    | black       | 2                            | L,T     |
| Standard                           |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">SNB-12E 07</a>         | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | N              | PVC            | sand           | anthracite  | PET         | fabric     | light grey  | 3                            | F,L     |
| N- Line                            |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">NAB-7EEDV</a>          | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | A              | PVC            | smooth         | green       | PET         | fabric     | white       | 3                            | F,L     |
| <a href="#">NAB-8EEDV 11</a>       | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | A              | PVC            | smooth         | dark green  | PET         | fabric     | white       | 3                            | F,L     |
| <a href="#">NAB-11EEDV</a>         | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | A              | PVC            | smooth         | dark green  | PET         | fabric     | white       | 3                            | F,L     |
| <a href="#">NAB-12EEDV 11</a>      | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | A              | PVC            | smooth         | dark green  | PET         | fabric     | white       | 3                            | F,L     |
| <a href="#">NAB-18EEAV 11</a>      | 3   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | A              | PVC            | smooth         | anthracite  | PET         | fabric     | white       | 3                            | F,L     |
| <a href="#">NAG-7EEDV</a>          | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | A              | PVC            | Grip           | dark green  | PET         | fabric     | white       | 3                            | F,L     |
| <a href="#">NAJ-8EEDV 11</a>       | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | A              | PVC            | jink wave      | dark green  | PET         | fabric     | white       | 3                            | F,L     |
| Allveyor                           |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">A120COS-B</a>          | 1   | ●              | ●                   | -                    | -                      | -                       | -                  | -                  | PET                      | A              | PVC            | smooth         | black       | PVC         | impreg.    | black       | 3                            | F,L     |
| <a href="#">A150COS-B</a>          | 1   | ●              | ●                   | -                    | -                      | -                       | -                  | -                  | PET                      | A              | PVC            | smooth         | black       | PVC         | impreg.    | black       | 3                            | F,L     |
| PolyMate                           |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">PMARKLNG-BE</a>        | 1   | ●              | ●                   | ●                    | -                      | -                       | -                  | -                  | PET                      | M              | TPA            | rouhtop        | blue        | TPA         | impreg.    | black       | -                            | F,HF,L  |
| Ulti-Mate                          |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |                |             |             |            |             |                              |         |
| <a href="#">UM100SC-B 18</a>       | 1   | ●              | ●                   | ●                    | ●                      | -                       | -                  | ●                  | PET                      | N              | NBR            | imp fleece     | black       | NBR         | imp fleece | black       | 5                            | F,L,T   |
| <a href="#">UM155SC-B 18</a>       | 1   | ●              | ●                   | ●                    | ●                      | -                       | -                  | ●                  | PET                      | N              | NBR            | imp fleece     | black       | NBR         | imp fleece | black       | 5                            | F,L,T   |
| <a href="#">UM220-G 18</a>         | 1   | ●              | ●                   | ●                    | -                      | ●                       | -                  | ●                  | PET                      | N              | NBR            | imp fleece     | light green | NBR         | imp fleece | light green | 5                            | F,L,T   |
| <a href="#">UM220SC-B 18</a>       | 1   | ●              | ●                   | ●                    | ●                      | -                       | -                  | ●                  | PET                      | N              | PET            | Buffed         | black       | PET         | Buffed     | black       | 5                            | F,L,T   |

| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Nosebar Radius, minimum [in.] | Tensile force for 1% elongation per unit of width k 1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/ Staple (all lacing recommendations are approximate) | Product Name                  |
|-----------------|----------------------------------------------------------|--------------------------------|-------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|----------------------------------------------------------------|-------------------------------|
| 0.07            | 0.37                                                     | 0.6                            | 0.28                          | 74                                                                | 126                                                         | -22                                 | 158                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLSP                                               | #1                                                             | <a href="#">EMB-12EMCH</a>    |
| 0.07            | 0.41                                                     | 0.6                            | 0.28                          | 91                                                                | 57                                                          | -22                                 | 158                                 | 0.10 / 0.15                                                                                    | 157                       | 36SLSP                                               | #1                                                             | <a href="#">EMM-20ERCH-W2</a> |
| 0.15            | 0.88                                                     | 9.8                            | -                             | 206                                                               | 594                                                         | -4                                  | 122                                 | 0.20 / 0.20                                                                                    | 150                       | -                                                    | -                                                              | <a href="#">ENA-151AEBH</a>   |
| 0.06            | 0.29                                                     | 1.6                            | -                             | 80                                                                | 103                                                         | -4                                  | 158                                 | 0.10 / 0.15                                                                                    | 157                       | 36XSP                                                | #00                                                            | <a href="#">ENI-10E 15</a>    |
| 0.07            | 0.26                                                     | 3.2                            | -                             | 69                                                                | 103                                                         | -22                                 | 176                                 | 0.15 / 0.20                                                                                    | 142                       | -                                                    | -                                                              | <a href="#">ENR-12E</a>       |
| 0.07            | 0.25                                                     | 2.4                            | -                             | 97                                                                | -                                                           | -22                                 | 176                                 | 0.10 / 0.10                                                                                    | -                         | -                                                    | -                                                              | <a href="#">ENR-12EGSH-L1</a> |
| 0.03            | 0.10                                                     | 2.0                            | -                             | 69                                                                | 103                                                         | -22                                 | 176                                 | 0.15 / 0.20                                                                                    | 142                       | -                                                    | -                                                              | <a href="#">ENT-12E</a>       |
| 0.05            | 0.27                                                     | 2.8                            | 0.47                          | 80                                                                | 91                                                          | -22                                 | 266                                 | 0.10 / 0.15                                                                                    | 197                       | -                                                    | -                                                              | <a href="#">ENT-12EEWL</a>    |
| 0.09            | 0.53                                                     | 3.2                            | -                             | 240                                                               | 228                                                         | 5                                   | 158                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLSP                                               | #1                                                             | <a href="#">ENU-50AXBBD</a>   |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 51                                                                | 80                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                            | <a href="#">XVT-2304</a>      |
| 0.06            | 0.34                                                     | 2.0                            | -                             | 103                                                               | 91                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36XSP                                                | #00                                                            | <a href="#">FNI-12E</a>       |
| 0.08            | 0.49                                                     | 2.4                            | -                             | 131                                                               | 57                                                          | 32                                  | 176                                 | 0.25 / 0.15                                                                                    | 94                        | 36SP                                                 | #1                                                             | <a href="#">HAB-12E</a>       |
| 0.23            | 0.94                                                     | 3.2                            | -                             | 126                                                               | 103                                                         | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 47                        | 1-AHT                                                | #1                                                             | <a href="#">HAG-12E</a>       |
| 0.08            | 0.43                                                     | 1.0                            | -                             | 26                                                                | 54                                                          | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 36SP                                                 | #1                                                             | <a href="#">HAT-8P</a>        |
| 0.12            | 0.66                                                     | 1.6                            | -                             | 43                                                                | 91                                                          | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 1-AHT                                                | #7                                                             | <a href="#">HAT-12P</a>       |
| 0.11            | 0.64                                                     | 1.6                            | -                             | 120                                                               | 160                                                         | -22                                 | 212                                 | 0.15 / 0.20                                                                                    | 47                        | -                                                    | -                                                              | <a href="#">HAT-15E</a>       |
| 0.15            | 0.84                                                     | 2.0                            | -                             | 40                                                                | 91                                                          | 32                                  | 212                                 | 0.15 / 0.16                                                                                    | 94                        | 2                                                    | #16                                                            | <a href="#">HAT-18PWPDP</a>   |
| 0.24            | 1.39                                                     | 3.2                            | -                             | 80                                                                | 114                                                         | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 4                                                    | #125                                                           | <a href="#">HAT-24PWPDP</a>   |
| 0.10            | 0.59                                                     | 2.4                            | -                             | 91                                                                | 97                                                          | 23                                  | 158                                 | 0.15 / 0.15                                                                                    | 126                       | 36                                                   | #7                                                             | <a href="#">SNB-12E 07</a>    |
| 0.08            | 0.49                                                     | 1.0                            | -                             | 57                                                                | 37                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 122                       | 36LLSP                                               | #1                                                             | <a href="#">NAB-7EEDV</a>     |
| 0.08            | 0.47                                                     | 1.2                            | -                             | 51                                                                | 86                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36LLSP                                               | #1                                                             | <a href="#">NAB-8EEDV 11</a>  |
| 0.10            | 0.61                                                     | 2.0                            | -                             | 57                                                                | 40                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 122                       | 36LLSP                                               | #1                                                             | <a href="#">NAB-11EEDV</a>    |
| 0.11            | 0.66                                                     | 2.0                            | -                             | 69                                                                | 108                                                         | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36                                                   | #7                                                             | <a href="#">NAB-12EEDV 11</a> |
| 0.19            | 1.15                                                     | 4.9                            | -                             | 86                                                                | 143                                                         | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 2HT                                                  | #25                                                            | <a href="#">NAB-18EEAV 11</a> |
| 23.00           | 0.86                                                     | 2.4                            | -                             | 57                                                                | 37                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 122                       | 36                                                   | #7                                                             | <a href="#">NAG-7EEDV</a>     |
| 0.22            | 0.92                                                     | 2.4                            | -                             | 51                                                                | 86                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 118                       | 36                                                   | #15                                                            | <a href="#">NAJ-8EEDV 11</a>  |
| 0.13            | 0.83                                                     | 3.1                            | -                             | 130                                                               | 91                                                          | -10                                 | 180                                 | 0.20 / 0.30                                                                                    | 72                        | 1                                                    | #7                                                             | <a href="#">A120CQS-B</a>     |
| 0.16            | 1.04                                                     | 4.0                            | -                             | 200                                                               | 146                                                         | -10                                 | 212                                 | 0.20 / 0.30                                                                                    | 72                        | 2HT                                                  | #20                                                            | <a href="#">A150CQS-B</a>     |
| 0.30            | 1.40                                                     | 2.0                            | -                             | 128                                                               | 82                                                          | 10                                  | 212                                 | 0.20 / 0.20                                                                                    | 72                        | 5                                                    | #27                                                            | <a href="#">PMARKLNG-BE</a>   |
| 0.10            | 0.42                                                     | 1.0                            | -                             | 115                                                               | 73                                                          | 14                                  | 176                                 | 0.25 / 0.30                                                                                    | 79                        | 36SLSP                                               | #62                                                            | <a href="#">UM100SC-B 18</a>  |
| 0.15            | 0.43                                                     | 2.0                            | -                             | 135                                                               | 64                                                          | 10                                  | 176                                 | 0.20 / 0.25                                                                                    | 79                        | 2                                                    | #125                                                           | <a href="#">UM155SC-B 18</a>  |
| 0.22            | 0.70                                                     | 4.0                            | -                             | 110                                                               | 82                                                          | 10                                  | 176                                 | 0.20 / 0.25                                                                                    | 79                        | 4                                                    | #187                                                           | <a href="#">UM220-G 18</a>    |
| 0.22            | 0.70                                                     | 4.0                            | -                             | 126                                                               | 40                                                          | 10                                  | 176                                 | 0.20 / 0.20                                                                                    | 79                        | 4                                                    | #188                                                           | <a href="#">UM220SC-B 18</a>  |

#### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

NS= Non-stocked

AR = aramide

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

NW = non-woven

PA = polyamide

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

RFL = resorcinol formaldehyde latex

SBR = styrene butadiene rubber

SW = sine wave pattern

TPA = thermoplastic alloy

TPU = polyurethane, thermoplastic

#### Joining

- DL = Double Loop
- F = Flexproof
- HF = Hidden Finger
- L = Laced
- T = Thermofix
- WT = woven truly endless

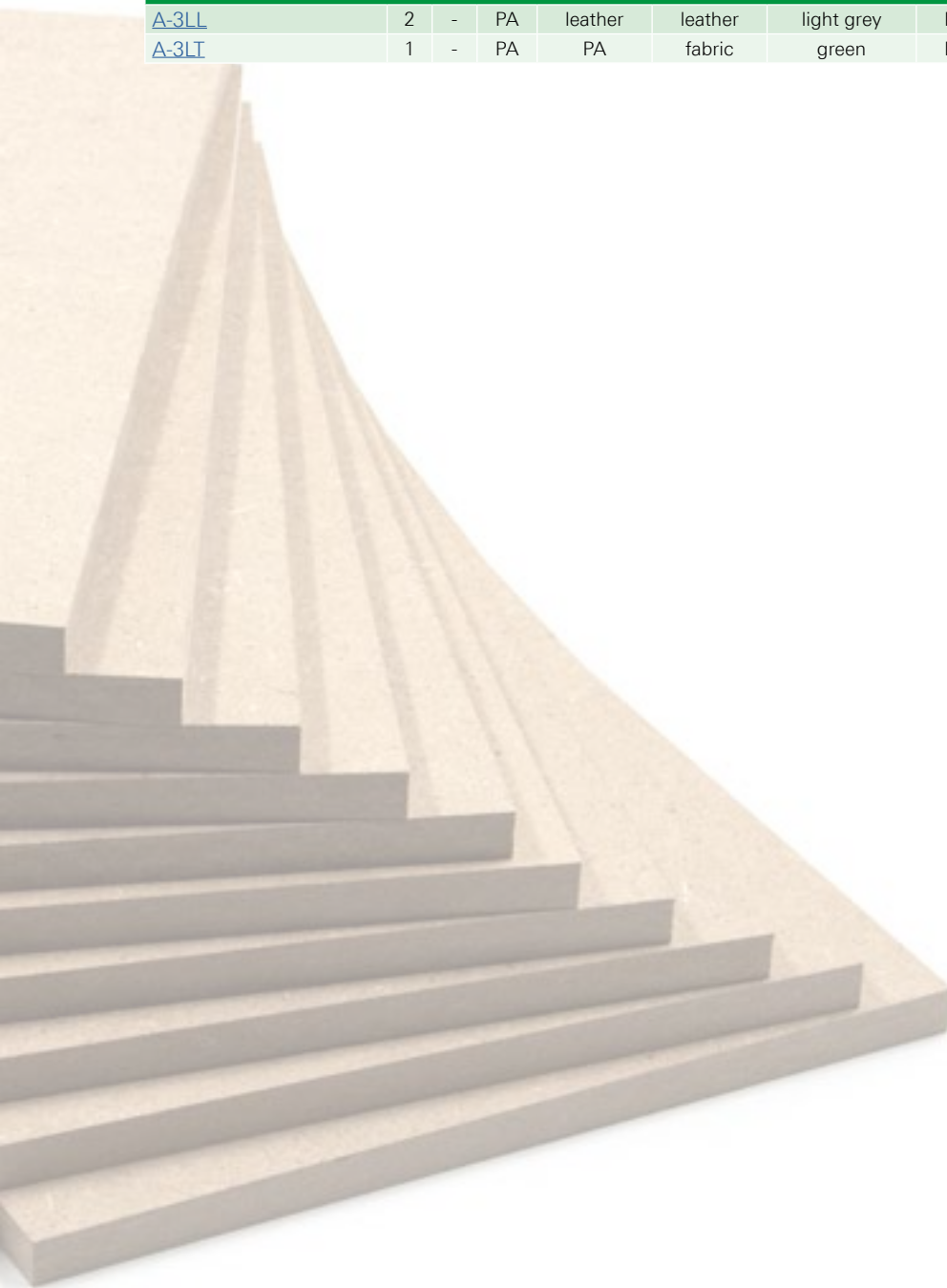
All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

#### Cover Friction

- S = Super Adhesive
- A = Adhesive
- M = Medium Adhesive
- N = Non-Adhesive

# Wood

| Product Group and Name | 1 or 2 sided | Permanently antistatic | Traction layer, material | Conveying side |         |            | Pulley side |              |            | Class of chemical resistance | Joining |
|------------------------|--------------|------------------------|--------------------------|----------------|---------|------------|-------------|--------------|------------|------------------------------|---------|
|                        |              |                        |                          | Material       | Surface | Color      | Material    | Surface      | Color      |                              |         |
| A-Series Belts         |              |                        |                          |                |         |            |             |              |            |                              |         |
| <a href="#">A-2</a>    | 1            | •                      | PA                       | NBR            | rough   | green      | NBR         | long. groove | black      | 2                            | T       |
| <a href="#">A-3</a>    | 1            | •                      | PA                       | NBR            | rough   | green      | NBR         | long. groove | black      | 2                            | T       |
| <a href="#">A-4</a>    | 1            | •                      | PA                       | NBR            | rough   | green      | NBR         | long. groove | black      | 2                            | T       |
| <a href="#">A-5</a>    | 1            | •                      | PA                       | NBR            | rough   | green      | NBR         | long. groove | black      | 2                            | T       |
| Leather Series Belts   |              |                        |                          |                |         |            |             |              |            |                              |         |
| <a href="#">A-3LL</a>  | 2            | -                      | PA                       | leather        | leather | light grey | leather     | leather      | light grey | 1                            | T       |
| <a href="#">A-3LI</a>  | 1            | -                      | PA                       | PA             | fabric  | green      | leather     | leather      | light grey | 1                            | T       |





| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Nominal peripheral force per unit of width [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Product Name          |
|-----------------|----------------------------------------------------------|--------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|-----------------------|
| 0.11            | 0.55                                                     | 2.4                            | 43                                                               | 126                                                   | -4                                  | 212                                 | 0.45                                                                                           | 47                        | <a href="#">A-2</a>   |
| 0.13            | 0.72                                                     | 4.9                            | 69                                                               | 206                                                   | -4                                  | 212                                 | 0.45                                                                                           | 47                        | <a href="#">A-3</a>   |
| 0.20            | 1.09                                                     | 11.8                           | 120                                                              | 360                                                   | -4                                  | 212                                 | 0.45                                                                                           | 47                        | <a href="#">A-4</a>   |
| 0.27            | 1.50                                                     | 17.7                           | 171                                                              | 525                                                   | -4                                  | 212                                 | 0.42                                                                                           | 47                        | <a href="#">A-5</a>   |
| 0.16            | 0.82                                                     | 4.9                            | 46                                                               | 126                                                   | -4                                  | 176                                 | 0.25                                                                                           | 18                        | <a href="#">A-3LL</a> |
| 0.12            | 0.61                                                     | 4.9                            | 46                                                               | 126                                                   | -4                                  | 176                                 | 0.25                                                                                           | 18                        | <a href="#">A-3LT</a> |

#### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

NS= Non-stocked

AR = aramide

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PET = polyester

#### Joining

DL = Double Loop

F = Flexproof

HF = Hidden Finger

L = Laced

T = Thermofix

WT = woven truly endless

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

#### Cover Friction

S = Super Adhesive

A = Adhesive

M = Medium Adhesive

N = Non-Adhesive

# Automotive

| Product Group and Name              | PLY | For slider bed | For carrying roller | Low noise, back side | Permanently antistatic | Metal detector suitable | Troughing suitable | Powerturn suitable | Traction layer, material | Cover friction | Conveying side |               |             | Pulley side |         |             | Class of chemical resistance | Joining |
|-------------------------------------|-----|----------------|---------------------|----------------------|------------------------|-------------------------|--------------------|--------------------|--------------------------|----------------|----------------|---------------|-------------|-------------|---------|-------------|------------------------------|---------|
|                                     |     |                |                     |                      |                        |                         |                    |                    |                          |                | Material       | Surface       | Color       | Material    | Surface | Color       |                              |         |
|                                     |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| Extraline                           |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">E-16EHMU</a> (XVT-2092) | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | N              | PUR            | impreg.       | grey        | PUR         | impreg. | grey        | 6                            | F,L,T   |
| <a href="#">EMB-27EHBT</a>          | 3   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | M              | TPU            | smooth        | black       | TPU         | impreg. | white       | 6                            | F,L     |
| <a href="#">ENB-18PHFP</a>          | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | N              | PA             | smooth        | off-white   | NBR         | impreg. | green       | 6                            | T       |
| <a href="#">ENT-18PHB</a>           | 3   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | N              | PA             | impreg.       | black       | NBR         | impreg. | green       | 1                            | T       |
| TPU Types                           |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">FNI-5EMWT-W2</a>        | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | PET            | impreg.       | white       | PET         | impreg. | white       | 6                            | F,L     |
| <a href="#">FNI-5EIWH-P1</a>        | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | PET            | impreg.       | white       | PET         | impreg. | white       | 6                            | F,L,T   |
| <a href="#">FAB-12E</a>             | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | A              | TPU            | smooth        | white       | TPU         | impreg. | light grey  | 6                            | F,L,T   |
| <a href="#">XVT-2303</a>            | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | TPU            | smooth        | transparent | TPU         | impreg. | white       | 6                            | F,L,T   |
| <a href="#">XVT-2304</a>            | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | TPU            | smooth        | white       | TPU         | impreg. | white       | 6                            | F,L,T   |
| <a href="#">TT191/AS</a>            | 2   | ●              | ●                   | -                    | ●                      | ●                       | -                  | -                  | PET                      | N              | TPU            | smooth        | transparent | TPU         | impreg. | white       | 6                            | F,L     |
| PolyMate                            |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">PMTEF-BE</a>            | 1   | ●              | ●                   | -                    | -                      | -                       | -                  | -                  | PET                      | N              | teflon         | glossy        | light blue  | NBR         | fleece  | white       | 5                            | HF,L    |
| <a href="#">PMARKLNG-BE</a>         | 1   | ●              | ●                   | ●                    | -                      | -                       | -                  | -                  | PET                      | M              | TPA            | rougtop       | blue        | PET         | fleece  | black       | -                            | F,HF,L  |
| Ulti-Mate                           |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">UM100SC-B 18</a>        | 1   | ●              | ●                   | ●                    | ●                      | -                       | -                  | ●                  | PET                      | N              | NBR            | fleece        | black       | NBR         | fleece  | black       | 5                            | F,L,T   |
| <a href="#">UM155SC-B 18</a>        | 1   | ●              | ●                   | ●                    | ●                      | -                       | -                  | ●                  | PET                      | N              | NBR            | fleece        | black       | NBR         | fleece  | black       | 5                            | F,L,T   |
| <a href="#">UM220-G 18</a>          | 1   | ●              | ●                   | ●                    | -                      | ●                       | -                  | ●                  | PET                      | N              | NBR            | fleece        | light green | NBR         | fleece  | light green | 5                            | HF,L,T  |
| <a href="#">UM220SC-B 18</a>        | 1   | ●              | ●                   | ●                    | ●                      | -                       | -                  | ●                  | PET                      | N              | NBR            | fleece        | black       | NBR         | fleece  | black       | 5                            | HF,L,T  |
| <a href="#">HAB-12E</a>             | 2   | ●              | ●                   | -                    | -                      | -                       | ●                  | -                  | PET                      | S              | NBR            | smooth        | green       | PUR         | impreg. | black       | 5                            | L,T     |
| High Duty                           |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">HAT-12P</a>             | 3   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | A              | NBR            | rough textile | green       | PUR         | impreg. | black       | 2                            | L,T     |
| <a href="#">HAT-18PWPD</a>          | 4   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | A              | NBR            | rough textile | apple green | PUR         | impreg. | black       | 3                            | L,T     |
| <a href="#">HAT-24PWPD</a>          | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | A              | NBR            | rough textile | apple green | PUR         | impreg. | black       | 2                            | L,T     |
| <a href="#">HNA-8P</a>              | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | N              | PUR            | smooth        | green       | PUR         | impreg. | black       | 2                            | L,T     |
| <a href="#">HNA-18P</a>             | 3   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PA                       | N              | PUR            | smooth        | green       | PUR         | impreg. | black       | 2                            | L,T     |
| <a href="#">HNB-12EO</a>            | 2   | ●              | ●                   | -                    | ●                      | -                       | -                  | -                  | PET                      | N              | TPU            | smooth        | green       | TPU         | impreg. | grey        | 6                            | F,L,T   |
| N-Line                              |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">NNT-20ECDV</a>          | 3   | ●              | ●                   | ●                    | ●                      | -                       | ●                  | ●                  | PET                      | N              | PVC            | impreg.       | dark green  | PUR         | impreg. | black       | 3                            | F,L     |
| Allveyor                            |     |                |                     |                      |                        |                         |                    |                    |                          |                |                |               |             |             |         |             |                              |         |
| <a href="#">A150COS-B</a>           | 1   | ●              | ●                   | -                    | -                      | -                       | -                  | -                  | PET                      | A              | PVC            | smooth        | black       | PVC         | impreg. | black       | 3                            | F,L     |
| <a href="#">A150CBSMI-B</a>         | 1   | -              | ●                   | -                    | -                      | -                       | -                  | -                  | PET                      | A              | PVC            | smooth        | black       | PVC         | smooth  | black       | 3                            | F,L     |
| <a href="#">A200COS-B</a> (SS)      | 1   | ●              | ●                   | -                    | -                      | -                       | -                  | -                  | PET                      | A              | PVC            | smooth        | black       | PVC         | impreg. | black       | 3                            | F,L     |

| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Nosebar Radius, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/Staple (all lacing recommendations are approximate) | Belt type                    |
|-----------------|----------------------------------------------------------|--------------------------------|-------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------------------------------------|------------------------------|
| 0.06            | 0.33                                                     | 1.6                            | -                             | 114                                                              | 97                                                          | -4                                  | 176                                 | 0.15 / 0.20                                                                                    | 94                        | 36SLSP                                               | #1                                                            | <a href="#">E-16EHMU</a>     |
| 0.10            | 0.59                                                     | 3.2                            | -                             | 188                                                              | 206                                                         | 14                                  | 176                                 | 0.15 / 0.20                                                                                    | 59                        | UX1SP                                                | #7                                                            | <a href="#">EMB-27EHBT</a>   |
| 0.12            | 0.66                                                     | 7.9                            | -                             | 303                                                              | 103                                                         | -4                                  | 212                                 | 0.15 / 0.25                                                                                    | 94                        |                                                      |                                                               | <a href="#">ENB-18PHFP</a>   |
| 0.13            | 0.72                                                     | 7.9                            | -                             | 303                                                              | 103                                                         | -4                                  | 212                                 | 0.20 / 0.15                                                                                    | 94                        | -                                                    | -                                                             | <a href="#">ENT-18PHB</a>    |
| 0.04            | 0.21                                                     | 0.6                            | 0.08                          | 40                                                               | 29                                                          | 14                                  | 194                                 | 0.10 / 0.15                                                                                    | 157                       | 36XSP                                                | -                                                             | <a href="#">FNI-5EMWT-W2</a> |
| 0.04            | 0.17                                                     | 0.6                            | 0.08                          | 37                                                               | 26                                                          | -40                                 | 230                                 | 0.15 / 0.20                                                                                    | 94                        | 36XSP                                                | #00                                                           | <a href="#">FNI-5EIWH-P1</a> |
| 0.09            | 0.55                                                     | 2.0                            | -                             | 97                                                               | 108                                                         | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 1-AHT                                                | #7                                                            | <a href="#">FAB-12E</a>      |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 54                                                               | 74                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">XVT-2303</a>     |
| 0.06            | 0.35                                                     | 0.8                            | 0.16                          | 51                                                               | 80                                                          | -22                                 | 176                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">XVT-2304</a>     |
| 0.07            | 0.41                                                     | 1.6                            | -                             | 23                                                               | 69                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 79                        | 36SLSP                                               | #1                                                            | <a href="#">TT191/AS</a>     |
| 0.15            | 0.72                                                     | 6.0                            | -                             | 110                                                              | 32                                                          | 50                                  | 176                                 | 0.25 / 0.25                                                                                    | 34                        | UX1SP                                                | #7                                                            | <a href="#">PMTF-BE</a>      |
| 0.30            | 1.40                                                     | 2.0                            | -                             | 128                                                              | 82                                                          | 10                                  | 212                                 | 0.20 / 0.20                                                                                    | 72                        | 5                                                    | #27                                                           | <a href="#">PMARKLNG-BE</a>  |
| 0.10            | 0.42                                                     | 1.0                            | -                             | 115                                                              | 73                                                          | 14                                  | 176                                 | 0.25 / 0.30                                                                                    | 79                        | 36SLSP                                               | #62                                                           | <a href="#">UM100SC-B 18</a> |
| 0.15            | 0.43                                                     | 2.0                            | -                             | 135                                                              | 64                                                          | 10                                  | 176                                 | 0.20 / 0.25                                                                                    | 79                        | 2SP                                                  | #15                                                           | <a href="#">UM155SC-B 18</a> |
| 0.22            | 0.70                                                     | 4.0                            | -                             | 110                                                              | 82                                                          | 10                                  | 176                                 | 0.20 / 0.25                                                                                    | 79                        | 3                                                    | #25                                                           | <a href="#">UM220-G 18</a>   |
| 0.22            | 0.70                                                     | 4.0                            | -                             | 110                                                              | 73                                                          | 10                                  | 176                                 | 0.30 / 0.25                                                                                    | 79                        | 3                                                    | #25                                                           | <a href="#">UM220SC-B 18</a> |
| 0.08            | 0.49                                                     | 2.4                            | -                             | 131                                                              | 57                                                          | 32                                  | 176                                 | 0.25 / 0.15                                                                                    | 94                        | 36SP                                                 | #1                                                            | <a href="#">HAB-12E</a>      |
| 0.12            | 0.66                                                     | 1.6                            | -                             | 43                                                               | 91                                                          | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 1-AHT                                                | #7                                                            | <a href="#">HAT-12P</a>      |
| 0.15            | 0.84                                                     | 2.0                            | -                             | 40                                                               | 91                                                          | 32                                  | 212                                 | 0.15 / 0.16                                                                                    | 94                        | 2                                                    | #16                                                           | <a href="#">HAT-18PWPD</a>   |
| 0.24            | 1.39                                                     | 3.2                            | -                             | 80                                                               | 114                                                         | 32                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 4                                                    | #125                                                          | <a href="#">HAT-24PWPD</a>   |
| 0.05            | 0.23                                                     | 1.0                            | -                             | 29                                                               | 63                                                          | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 36XSP                                                | #00                                                           | <a href="#">HNA-8P</a>       |
| 0.07            | 0.33                                                     | 2.0                            | -                             | 46                                                               | 108                                                         | -4                                  | 212                                 | 0.15 / 0.15                                                                                    | 94                        | 1-DHT                                                | #1                                                            | <a href="#">HNA-18P</a>      |
| 0.10            | 0.57                                                     | 2.0                            | -                             | 114                                                              | 148                                                         | 5                                   | 176                                 | 0.15 / 0.15                                                                                    | 94                        | 36                                                   | #7                                                            | <a href="#">HNB-12EO</a>     |
| 0.14            | 0.82                                                     | 4.9                            | -                             | 114                                                              | 80                                                          | 14                                  | 176                                 | 0.15 / 0.15                                                                                    | 106                       | 36LL                                                 | #7                                                            | <a href="#">NNT-20ECDV</a>   |
| 0.16            | 1.04                                                     | 4.0                            | -                             | 200                                                              | 146                                                         | -10                                 | 180                                 | 0.20 / 0.30                                                                                    | 72                        | 2HT                                                  | #20                                                           | <a href="#">A150COS-B</a>    |
| 0.20            | 1.22                                                     | 3.5                            | -                             | 170                                                              | 110                                                         | -10                                 | 176                                 | 0.40 / 0.50                                                                                    | 72                        | 2                                                    | #25                                                           | <a href="#">A150CBSMI-B</a>  |
| 0.22            | 1.27                                                     | 6.0                            | -                             | 175                                                              | 183                                                         | -10                                 | 230                                 | 0.20 / 0.30                                                                                    | 72                        | 4                                                    | #27                                                           | <a href="#">A200COS-B</a>    |

#### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

impreg. = impregnated

NW = non-woven

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PET = polyester

PUR = polyurethane, cross-linked

PVC = polyvinylchloride

SS = slab only

TPA = thermoplastic alloy

TPU = polyurethane, thermoplastic

#### Joining

T = Thermofix

F = Flexproof

L = Laced

HF = Hidden Finger

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

#### Cover Friction

S = Super Adhesive

A = Adhesive

M = Medium Adhesive

N = Non-Adhesive

\*tensile force at 1.5% elongation

# Textile and Power Transmission

| Product Group and Name             | 1-sided or 2-sided | Permanently antistatic | Traction layer, material | Conveying side |              |             | Pulley side |              |             | Class of chemical resistance | Joining |
|------------------------------------|--------------------|------------------------|--------------------------|----------------|--------------|-------------|-------------|--------------|-------------|------------------------------|---------|
|                                    |                    |                        |                          | Material       | Surface      | Color       | Material    | Surface      | Color       |                              |         |
| A-Series Belts                     |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">A-2</a>                | 1                  | •                      | PA                       | NBR            | rough        | green       | NBR         | long.        | black       | 2                            | T       |
| <a href="#">A-3</a>                | 1                  | •                      | PA                       | NBR            | rough        | green       | NBR         | long.        | black       | 2                            | T       |
| <a href="#">A-4</a>                | 1                  | •                      | PA                       | NBR            | rough        | green       | NBR         | long.        | black       | 2                            | T       |
| <a href="#">A-5</a>                | 1                  | •                      | PA                       | NBR            | rough        | green       | NBR         | long.        | black       | 2                            | T       |
| Leather Series Belts               |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">A-3LL</a>              | 2                  | •                      | PA                       | leather        | leather      | light grey  | leather     | leather      | light grey  | 1                            | T       |
| <a href="#">A-3LT</a>              | 1                  | •                      | PA                       | PA             | fabric       | green       | leather     | leather      | light grey  | 1                            | T       |
| S-Series Belts                     |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">CM-18/30F</a>          | 2                  | •                      | PET                      | NBR            | rough        | green       | NBR         | rough        | green       | 2                            | F       |
| <a href="#">S-10/15</a>            | 2                  | •                      | PA                       | NBR            | rough        | light green | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-18/20</a>            | 2                  | •                      | PA                       | NBR            | rough        | light green | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-18/30</a>            | 2                  | •                      | PA                       | NBR            | rough        | light green | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-33/40</a>            | 2                  | •                      | PA                       | NBR            | rough        | light green | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-33/50</a>            | 2                  | •                      | PA                       | NBR            | rough        | light green | NBR         | rough        | yellow      | 2                            | T       |
| S-Series Tangential Belts          |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">S-140H</a>             | 2                  | •                      | PA                       | NBR            | fine         | green       | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-250H</a>             | 2                  | •                      | PA                       | NBR            | fine         | green       | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-250HR</a>            | 2                  | •                      | PA                       | NBR            | rough        | green       | NBR         | rough        | light green | 2                            | T       |
| <a href="#">S-251H</a>             | 2                  | •                      | PA                       | NBR            | rough        | green       | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-390H</a>             | 2                  | •                      | PA                       | NBR            | rough        | green       | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">S-391H</a>             | 2                  | •                      | PA                       | NBR            | rough        | green       | NBR         | rough        | yellow      | 2                            | T       |
| <a href="#">TC-20EF</a>            | 2                  | •                      | PET                      | NBR            | fine         | light green | NBR         | rough        | black       | 2                            | F       |
| TC Series Belts                    |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">TC-35ER</a>            | 2                  | •                      | PET                      | NBR            | rough        | light green | NBR         | rough        | black       | 2                            | F       |
| <a href="#">TC-55ERA</a>           | 2                  | •                      | PET                      | NBR            | rough        | light green | NBR         | rough        | black       | 2                            | F       |
| TF Series Aramide Tangential Belts |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">TF-10</a>              | 2                  | •                      | AR                       | NBR            | fine textile | green       | NBR         | fine textile | black       | 2                            | F       |
| <a href="#">TF-15</a>              | 2                  | •                      | AR                       | NBR            | fine         | green       | NBR         | rough        | black       | 2                            | F       |
| <a href="#">TF-22</a>              | 2                  | •                      | AR                       | NBR            | rough        | green       | NBR         | rough        | black       | 2                            | F       |
| <a href="#">TF-33</a>              | 2                  | •                      | AR                       | NBR            | rough        | green       | NBR         | rough        | black       | 2                            | F       |
| Spindle tapes                      |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">W-8</a>                | 1                  | •                      | PET/CO                   | TPU            | impreg.      | green       | TPU         | smooth       | black       | 6                            | F,L     |
| <a href="#">TS-5</a>               | 2                  | •                      | PA                       | PA/CEL         | fabric       | yellow      | NBR         | sand         | green       | 2                            | T,L     |
| <a href="#">TS-10</a>              | 2                  | -                      | PA                       | PA             | fabric       | yellow      | PA          | fabric       | light green | 2                            | T,L     |
| <a href="#">TS-55</a>              | 2                  | •                      | PA                       | PA/CO          | fabric       | yellow      | NBR         | sand         | green       | 2                            | T,L     |
| F-Series Belts                     |                    |                        |                          |                |              |             |             |              |             |                              |         |
| <a href="#">F-2</a>                | 2                  | •                      | PA                       | NBR            | rough        | green       | NBR         | impreg.      | green       | 2                            | T       |

| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Nominal Peripheral force per unit of width [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Product Name              |
|-----------------|----------------------------------------------------------|--------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|---------------------------|
| 0.11            | 0.55                                                     | 2.4                            | 43                                                               | 126                                                   | -4                                  | 212                                 | 0.45                                                                                           | 47                        | <a href="#">A-2</a>       |
| 0.13            | 0.72                                                     | 4.9                            | 69                                                               | 206                                                   | -4                                  | 212                                 | 0.45                                                                                           | 47                        | <a href="#">A-3</a>       |
| 0.20            | 1.09                                                     | 11.8                           | 120                                                              | 360                                                   | -4                                  | 212                                 | 0.45                                                                                           | 47                        | <a href="#">A-4</a>       |
| 0.27            | 1.50                                                     | 17.7                           | 171                                                              | 525                                                   | -4                                  | 212                                 | 0.45                                                                                           | 47                        | <a href="#">A-5</a>       |
| 0.16            | 0.82                                                     | 4.9                            | 46                                                               | 126                                                   | -4                                  | 176                                 | 0.25                                                                                           | 18                        | <a href="#">A-3LL</a>     |
| 0.12            | 0.61                                                     | 4.9                            | 46                                                               | 126                                                   | -4                                  | 176                                 | 0.25                                                                                           | 18                        | <a href="#">A-3LT</a>     |
| 0.13            | 0.66                                                     | 2.8                            | 86                                                               | 200                                                   | -4                                  | 149                                 | 0.40                                                                                           | 47                        | <a href="#">CM-18/30F</a> |
| 0.06            | 0.31                                                     | 1.6                            | 25                                                               | 69                                                    | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-10/15</a>   |
| 0.08            | 0.45                                                     | 2.4                            | 46                                                               | 126                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-18/20</a>   |
| 0.12            | 0.61                                                     | 2.4                            | 46                                                               | 126                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-18/30</a>   |
| 0.16            | 0.88                                                     | 4.9                            | 74                                                               | 211                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-33/40</a>   |
| 0.20            | 1.11                                                     | 4.9                            | 74                                                               | 211                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-33/50</a>   |
| 0.07            | 0.39                                                     | 1.6                            | 27                                                               | 74                                                    | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-140H</a>    |
| 0.09            | 0.51                                                     | 3.9                            | 63                                                               | 166                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-250H</a>    |
| 0.10            | 0.59                                                     | 3.9                            | 63                                                               | 166                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-250HR</a>   |
| 0.12            | 0.66                                                     | 3.9                            | 63                                                               | 166                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-251H</a>    |
| 0.13            | 0.74                                                     | 5.9                            | 80                                                               | 217                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-390H</a>    |
| 0.16            | 0.96                                                     | 5.9                            | 80                                                               | 217                                                   | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">S-391H</a>    |
| 0.08            | 0.45                                                     | 1.0                            | 57                                                               | 120                                                   | -4                                  | 158                                 | 0.40                                                                                           | 43                        | <a href="#">TC-20EF</a>   |
| 0.10            | 0.53                                                     | 2.0                            | 103                                                              | 217                                                   | -4                                  | 158                                 | 0.40                                                                                           | 43                        | <a href="#">TC-35ER</a>   |
| 0.12            | 0.66                                                     | 2.8                            | 143                                                              | 303                                                   | -4                                  | 158                                 | 0.40                                                                                           | 43                        | <a href="#">TC-55ERA</a>  |
| 0.07            | 0.36                                                     | 1.0                            | 57                                                               | 57                                                    | -4                                  | 149                                 | 0.40                                                                                           | 47                        | <a href="#">TF-10</a>     |
| 0.08            | 0.43                                                     | 1.2                            | 86                                                               | 86                                                    | -4                                  | 149                                 | 0.40                                                                                           | 47                        | <a href="#">TF-15</a>     |
| 0.09            | 0.55                                                     | 2.4                            | 126                                                              | 126                                                   | -4                                  | 149                                 | 0.40                                                                                           | 43                        | <a href="#">TF-22</a>     |
| 0.12            | 0.66                                                     | 3.9                            | 188                                                              | 188                                                   | -4                                  | 149                                 | 0.40                                                                                           | 43                        | <a href="#">TF-33</a>     |
| 0.03            | 0.14                                                     | 0.6                            | 34                                                               | 34                                                    | -4                                  | 140                                 | 0.40                                                                                           | 47                        | <a href="#">W-8</a>       |
| 0.02            | 0.10                                                     | 0.6                            | 9                                                                | 20                                                    | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">TS-5</a>      |
| 0.03            | 0.14                                                     | 0.8                            | 10                                                               | 20                                                    | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">TS-10</a>     |
| 0.03            | 0.16                                                     | 1.0                            | 14                                                               | 37                                                    | -4                                  | 212                                 | 0.40                                                                                           | 47                        | <a href="#">TS-55</a>     |
| 0.07            | 0.36                                                     | 2.4                            | 80                                                               | 25                                                    | -4                                  | 212                                 | 0.15                                                                                           | 47                        | <a href="#">E-2</a>       |

#### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

AR = aramide

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PA/CEL = polyamide/cellulose

PA/CO = polyamide/cotton

PET = polyester

PET/CO = polyester/cotton

POLY/CR = polyester, cross linked

PUR = polyurethane, cross-linked

TPU = polyurethane, thermoplastic

#### Joining

T = Thermofix

F = Flexproof

L = Laced

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

# Textile and Power Transmission

| Product Group and Name       | PLY | For slider bed | For carrying roller | Low noise, back side | Permanently antistatic | Traction layer, material | Conveying side |         |       | Pulley side |         |       | Class of chemical resistance | Joining |
|------------------------------|-----|----------------|---------------------|----------------------|------------------------|--------------------------|----------------|---------|-------|-------------|---------|-------|------------------------------|---------|
|                              |     |                |                     |                      |                        |                          | Material       | Surface | Color | Material    | Surface | Color |                              |         |
| Extraline Print Blankets     |     |                |                     |                      |                        |                          |                |         |       |             |         |       |                              |         |
| <a href="#">PB-2460</a>      | 2   | •              | •                   | -                    | •                      | PET                      | TPU            | smooth  | black | TPU         | impreg. | grey  | 6                            | F,L     |
| <a href="#">ENU-20EXBD</a>   | 2   | •              | •                   | -                    | •                      | PET                      | TPU            | smooth  | black | TPU         | impreg. | grey  | 6                            | F,L     |
| <a href="#">ENU-50AXBD</a>   | 3   | •              | •                   | -                    | •                      | AR                       | TPU            | smooth  | black | TPU         | impreg. | grey  | 6                            | F,L     |
| Extraline Crosslapper Aprons |     |                |                     |                      |                        |                          |                |         |       |             |         |       |                              |         |
| <a href="#">ENB-6EE</a>      | 2   | •              | -                   | -                    | •                      | PET                      | POLY/CL        | smooth  | black | PUR         | impreg. | black | 6                            | F,T,L   |
| <a href="#">ENT-6EE</a>      | 2   | •              | -                   | -                    | •                      | PET                      | POLY/CL        | impreg. | black | PUR         | impreg. | black | 6                            | F,T,L   |



| Thickness [in.] | Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 1% elongation per unit of width k 1% [lbs./in.] | Admissible tensile force per unit of width k adm [lbs./in.] | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Manufacturing width [in.] | Clipper (all lacing recommendations are approximate) | Alligator/Staple (all lacing recommendations are approximate) | Product Name               |
|-----------------|----------------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|---------------------------------------------------------------|----------------------------|
| 0.10            | 0.59                                                     | 2.4                            | 103                                                               | 171                                                         | 5                                   | 194                                 | 0.15 / 0.15                                                                                    | 157                       | UX1SP                                                | #7                                                            | <a href="#">PB-2460</a>    |
| 0.08            | 0.47                                                     | 3.2                            | 103                                                               | 171                                                         | 5                                   | 158                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLSP                                               | #1                                                            | <a href="#">ENU-20EXBD</a> |
| 0.09            | 0.53                                                     | 3.2                            | 240                                                               | 228                                                         | 5                                   | 158                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLSP                                               | #1                                                            | <a href="#">ENU-50AXBD</a> |
| 0.04            | 0.21                                                     | 2.0                            | 31                                                                | 57                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">ENB-6EE</a>    |
| 0.03            | 0.14                                                     | 2.0                            | 31                                                                | 57                                                          | 14                                  | 158                                 | 0.15 / 0.15                                                                                    | 157                       | 36SLXSP                                              | #00                                                           | <a href="#">ENT-6EE</a>    |

### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

AR = aramide

impreg. = impregnated

NBR = acrylo-nitrile-butadiene rubber

PA = polyamide

PA/CEL = polyamide/cellulose

PA/CO = polyamide/cotton

PET = polyester

PET/CO = polyester/cotton

POLY/CR = polyester, cross linked

PUR = polyurethane, cross-linked

TPU = polyurethane, thermoplastic

### Joining

T = Thermofix

F = Flexproof

L = Laced

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

# Round Belts

| Product Group and Name <sup>o</sup>                       | Hardness, Shore A | Traction layer, material | Friction material | Color       | Class of chemical resistance | Joining | Diameter [in.] | Diameter [mm] |
|-----------------------------------------------------------|-------------------|--------------------------|-------------------|-------------|------------------------------|---------|----------------|---------------|
| <b>Polycord®</b>                                          |                   |                          |                   |             |                              |         |                |               |
| <a href="#">P-RB02-KG-C600</a> (P-CORD02 (R-2))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.08           | 2             |
| <a href="#">P-RB03-KG-C300</a> (P-CORD03 (R-3))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.12           | 3             |
| <a href="#">P-RB04-KG-N250</a> (P-CORD04 (R-4))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.16           | 4             |
| <a href="#">P-RB05-KG-N250</a> (P-CORD05 (R-5))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.20           | 5             |
| <a href="#">P-RB06-KG-N250</a> (P-CORD06 (R-6))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.24           | 6             |
| <a href="#">P-RB07-KG-N200</a> (P-CORD07 (R-7))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.28           | 7             |
| <a href="#">P-RB08-KG-N200</a> (P-CORD08 (R-8))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.32           | 8             |
| <a href="#">P-RB10-KG-N100</a> (P-CORD10 (R-10))          | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.39           | 10            |
| <a href="#">P-RB12-KG-N100</a> (P-CORD12 (R-12))          | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.47           | 12            |
| <a href="#">P-RB15-KG-N50</a> (P-CORD15 (R-15))           | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.59           | 15            |
| <b>Habicord (Translucent)</b>                             |                   |                          |                   |             |                              |         |                |               |
| <a href="#">E-RB03-FW-C300</a> (POLYWHITE R3 FW (HC-3))   | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.12           | 3             |
| <a href="#">E-RB04-FW-C250</a> (POLYWHITE R4 FW (HC-4))   | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.16           | 4             |
| <a href="#">E-RB05-FW-C250</a> (POLYWHITE R5 FW (HC-5))   | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.20           | 5             |
| <a href="#">E-RB06-FW-C250</a> (POLYWHITE R6 FW (HC-6))   | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.24           | 6             |
| <a href="#">E-RB07-FW-C200</a> (POLYWHITE R7 FW (HC-7))   | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.28           | 7             |
| <a href="#">E-RB08-FW-C200</a> (POLYWHITE R8 FW (HC-8))   | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.31           | 8             |
| <a href="#">E-RB10-FW-C100</a> (POLYWHITE R10 FW (HC-10)) | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.39           | 10            |
| <a href="#">E-RB12-FW-C100</a> (POLYWHITE R12 FW (HC-12)) | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.47           | 12            |
| <a href="#">E-RB15-FW-C50</a> (POLYWHITE R15 FW (HC-15))  | 85                | TPU                      | TPU               | translucent | 6                            | Q       | 0.59           | 15            |
| <b>Habicord (Green)</b>                                   |                   |                          |                   |             |                              |         |                |               |
| <a href="#">E-RB03-KG-C300</a> (H-CORD03)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.12           | 3             |
| <a href="#">E-RB04-KG-C250</a> (H-CORD04)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.16           | 4             |
| <a href="#">E-RB05-KG-C250</a> (H-CORD05)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.20           | 5             |
| <a href="#">E-RB06-KG-C250</a> (H-CORD06)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.24           | 6             |
| <a href="#">E-RB07-KG-C200</a> (H-CORD07)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.28           | 7             |
| <a href="#">E-RB08-KG-C200</a> (H-CORD08)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.31           | 8             |
| <a href="#">E-RB10-KG-C100</a> (H-CORD10)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.39           | 10            |
| <a href="#">E-RB12-KG-C100</a> (H-CORD12)                 | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.47           | 12            |
| <a href="#">E-RB15-KG-C50</a> (H-CORD15)                  | 90                | TPU                      | TPU               | green       | 6                            | Q       | 0.59           | 15            |
| <b>Habibblue (Food Grade Round Belts)</b>                 |                   |                          |                   |             |                              |         |                |               |
| <a href="#">E-RB03-HC-C300</a> (HABIBBLUE3)               | 86                | TPU                      | TPU               | cobalt blue | 6                            | Q       | 0.12           | 3             |
| <a href="#">E-RB04-HC-C250</a> (HABIBBLUE4)               | 86                | TPU                      | TPU               | cobalt blue | 6                            | Q       | 0.16           | 4             |
| <a href="#">E-RB05-HC-C250</a> (HABIBBLUE5)               | 86                | TPU                      | TPU               | cobalt blue | 6                            | Q       | 0.20           | 5             |
| <a href="#">E-RB06-HC-C250</a> (HABIBBLUE6)               | 86                | TPU                      | TPU               | cobalt blue | 6                            | Q       | 0.24           | 6             |
| <a href="#">E-RB08-HC-C200</a> (HABIBBLUE8)               | 86                | TPU                      | TPU               | cobalt blue | 6                            | Q       | 0.31           | 8             |
| <a href="#">E-RB10-HC-C100</a> (HABIBBLUE10)              | 86                | TPU                      | TPU               | cobalt blue | 6                            | Q       | 0.39           | 10            |

<sup>o</sup>Previous product names are noted within the parenthesis.

| Mass of belt per square foot (belt weight) [lbs./sq.ft.] | Pulley diameter, minimum [in.] | Tensile force for 8% elongation per unit of width k8% [lbf] | Nominal peripheral force [lbf] at 8% tension | Minimum temperature [°F] continuous | Maximum temperature [°F] continuous | Coefficient of friction $\mu$ of back side on steel driving pulley / stainless steel sliderbed | Product Name                   |
|----------------------------------------------------------|--------------------------------|-------------------------------------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------|
| 0.00                                                     | 0.8                            | 2                                                           | 1                                            | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB02-KG-C600</a> |
| 0.01                                                     | 1.2                            | 4                                                           | 3                                            | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB03-KG-C300</a> |
| 0.01                                                     | 1.6                            | 7                                                           | 5                                            | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB04-KG-N250</a> |
| 0.02                                                     | 2.0                            | 11                                                          | 8                                            | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB05-KG-N250</a> |
| 0.02                                                     | 2.4                            | 16                                                          | 12                                           | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB06-KG-N250</a> |
| 0.03                                                     | 2.8                            | 22                                                          | 16                                           | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB07-KG-N200</a> |
| 0.04                                                     | 3.2                            | 29                                                          | 21                                           | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB08-KG-N200</a> |
| 0.06                                                     | 3.9                            | 45                                                          | 33                                           | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB10-KG-N100</a> |
| 0.09                                                     | 4.7                            | 65                                                          | 48                                           | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB12-KG-N100</a> |
| 0.14                                                     | 5.9                            | 102                                                         | 74                                           | -4                                  | 122                                 | 0.3                                                                                            | <a href="#">P-RB15-KG-N50</a>  |
| 0.01                                                     | 1.2                            | 4                                                           | 2                                            | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB03-FW-C300</a> |
| 0.01                                                     | 1.6                            | 7                                                           | 3                                            | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB04-FW-C250</a> |
| 0.02                                                     | 2.0                            | 11                                                          | 6                                            | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB05-FW-C250</a> |
| 0.02                                                     | 2.4                            | 17                                                          | 8                                            | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB06-FW-C250</a> |
| 0.03                                                     | 2.8                            | 22                                                          | 10                                           | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB07-FW-C200</a> |
| 0.04                                                     | 3.2                            | 31                                                          | 13                                           | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB08-FW-C200</a> |
| 0.06                                                     | 3.9                            | 54                                                          | 21                                           | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB10-FW-C100</a> |
| 0.09                                                     | 4.7                            | 66                                                          | 31                                           | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB12-FW-C100</a> |
| 0.14                                                     | 5.9                            | 124                                                         | 48                                           | 14                                  | 140                                 | 0.5                                                                                            | <a href="#">E-RB15-FW-C50</a>  |
| 0.01                                                     | 1.2                            | 4                                                           | 3                                            | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB03-KG-C300</a> |
| 0.01                                                     | 1.6                            | 7                                                           | 5                                            | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB04-KG-C250</a> |
| 0.15                                                     | 2.0                            | 11                                                          | 8                                            | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB05-KG-C250</a> |
| 0.02                                                     | 2.4                            | 16                                                          | 11                                           | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB06-KG-C250</a> |
| 0.03                                                     | 2.8                            | 22                                                          | 16                                           | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB07-KG-C200</a> |
| 0.04                                                     | 3.2                            | 28                                                          | 20                                           | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB08-KG-C200</a> |
| 0.06                                                     | 3.9                            | 44                                                          | 32                                           | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB10-KG-C100</a> |
| 0.09                                                     | 4.7                            | 64                                                          | 46                                           | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB12-KG-C100</a> |
| 0.14                                                     | 5.9                            | 100                                                         | 72                                           | 14                                  | 122                                 | 0.5                                                                                            | <a href="#">E-RB15-KG-C50</a>  |
| 0.01                                                     | 1.2                            | 3                                                           | 2                                            | 14                                  | 122                                 | 0.4                                                                                            | <a href="#">E-RB03-HC-C300</a> |
| 0.01                                                     | 1.6                            | 5                                                           | 3                                            | 14                                  | 122                                 | 0.4                                                                                            | <a href="#">E-RB04-HC-C250</a> |
| 0.02                                                     | 2.0                            | 8                                                           | 5                                            | 14                                  | 122                                 | 0.4                                                                                            | <a href="#">E-RB05-HC-C250</a> |
| 0.02                                                     | 2.4                            | 11                                                          | 8                                            | 14                                  | 122                                 | 0.4                                                                                            | <a href="#">E-RB06-HC-C250</a> |
| 0.04                                                     | 3.2                            | 20                                                          | 14                                           | 14                                  | 122                                 | 0.4                                                                                            | <a href="#">E-RB08-HC-C200</a> |
| 0.06                                                     | 3.9                            | 32                                                          | 21                                           | 14                                  | 122                                 | 0.4                                                                                            | <a href="#">E-RB10-HC-C100</a> |

#### Explanations

- = applicable
- ◊ = conditionally applicable
- = not applicable

TPU = polyurethane, thermoplastic

#### Joining

Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

# Our Services

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A man with a beard and dark hair, wearing a green shirt, is focused on working on a large, metallic industrial machine. In the background, another man in a grey shirt is also working, wearing white gloves and holding a tool. The scene is set in a bright, industrial environment.

Our commitment to our customers' success is what drives our continuous innovation and product and service improvements. We combine engineering expertise with dedication to reliability, to create lasting value for our customers.



### **Global leadership, local service**

Habasit is your local partner with global reach. With 30 affiliated companies, each with its own inventory, fabrication, assembly, and service facilities, plus our worldwide network of partners, we react quickly and expertly to meet your most complex installation challenges.



### **Comprehensive technical support**

from belt selection to design assistance  
Extensive knowledge of our customers' processes lets us guide you from application analysis to selecting the optimal solution. We offer online calculation and belt selection tools, as well as on-site engineering assistance and equipment design, to make sure you get the best solution.



### **Process optimization and everyday efficiency**

Innovation comes from understanding our customers' daily challenges. Habasit is more than a belting company. Our experts can provide belt condition monitoring, regular inspections, analysis, and surveys at your sites, to keep your lines running smoothly and fully optimize your equipment and production processes.



### **Sharing knowledge and making business easy**

Habasit offers training programs and support tools to ensure optimal use of our products, with training on fabrication, installation, assembly, maintenance and belt repair either at a Habasit site or your own location. Orders, shipping and tracking can be managed via our Customer Care team, or directly online.

### **Committed to innovation beyond the obvious**

Because our customers' challenges and needs are always changing, we are constantly investing in the research and development of new products and solutions not only for today, but also for tomorrow.

### **Habasit is a member of EHEDG**

Our dedicated belting solutions aim to support the highest standards of hygienic equipment design.



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| <b>P</b>                            |  |           | <b>AY</b>                           |  |        | <b>BC</b>                 |  |                |
| <b>Q</b>                            |  |           | <b>AZ</b>                           |  |        | <b>BD</b>                 |  |                |
| <b>R</b>                            |  |           | <b>BA</b>                           |  |        | <b>BE</b>                 |  |                |
| <b>S</b>                            |  |           | <b>BB</b>                           |  |        | <b>BF</b>                 |  |                |
| <b>T</b>                            |  |           | <b>BC</b>                           |  |        | <b>BG</b>                 |  |                |
| <b>U</b>                            |  |           | <b>BD</b>                           |  |        | <b>BH</b>                 |  |                |
| <b>V</b>                            |  |           | <b>BE</b>                           |  |        | <b>BI</b>                 |  |                |
| <b>W</b>                            |  |           | <b>BF</b>                           |  |        | <b>BJ</b>                 |  |                |
| <b>X</b>                            |  |           | <b>BG</b>                           |  |        | <b>BK</b>                 |  |                |
| <b>Y</b>                            |  |           | <b>BH</b>                           |  |        | <b>BL</b>                 |  |                |
| <b>Z</b>                            |  |           | <b>BI</b>                           |  |        | <b>BM</b>                 |  |                |
| <b>AA</b>                           |  |           | <b>BJ</b>                           |  |        | <b>BN</b>                 |  |                |
| <b>AB</b>                           |  |           | <b>BK</b>                           |  |        | <b>BO</b>                 |  |                |
| <b>AC</b>                           |  |           | <b>BL</b>                           |  |        | <b>BP</b>                 |  |                |
| <b>AD</b>                           |  |           | <b>BM</b>                           |  |        | <b>BQ</b>                 |  |                |
| <b>AE</b>                           |  |           | <b>BN</b>                           |  |        | <b>BR</b>                 |  |                |
| <b>AF</b>                           |  |           | <b>BO</b>                           |  |        | <b>BS</b>                 |  |                |
| <b>AG</b>                           |  |           | <b>BP</b>                           |  |        | <b>BT</b>                 |  |                |
| <b>AH</b>                           |  |           | <b>BQ</b>                           |  |        | <b>BU</b>                 |  |                |
| <b>AI</b>                           |  |           | <b>BR</b>                           |  |        | <b>BV</b>                 |  |                |
| <b>AJ</b>                           |  |           | <b>BS</b>                           |  |        | <b>BW</b>                 |  |                |
| <b>AK</b>                           |  |           | <b>BT</b>                           |  |        | <b>BX</b>                 |  |                |
| <b>AL</b>                           |  |           | <b>BU</b>                           |  |        | <b>BY</b>                 |  |                |
| <b>AM</b>                           |  |           | <b>BV</b>                           |  |        | <b>BZ</b>                 |  |                |
| <b>AN</b>                           |  |           | <b>BW</b>                           |  |        | <b>CA</b>                 |  |                |
| <b>AO</b>                           |  |           | <b>BX</b>                           |  |        | <b>CB</b>                 |  |                |
| <b>AP</b>                           |  |           | <b>BY</b>                           |  |        | <b>CC</b>                 |  |                |
| <b>AQ</b>                           |  |           | <b>BZ</b>                           |  |        | <b>CD</b>                 |  |                |
| <b>AR</b>                           |  |           | <b>CA</b>                           |  |        | <b>CE</b>                 |  |                |
| <b>AS</b>                           |  |           | <b>CB</b>                           |  |        | <b>CF</b>                 |  |                |
| <b>AT</b>                           |  |           | <b>CC</b>                           |  |        | <b>CG</b>                 |  |                |
| <b>AW</b>                           |  |           | <b>CD</b>                           |  |        | <b>CH</b>                 |  |                |
| <b>AX</b>                           |  |           | <b>CE</b>                           |  |        | <b>CI</b>                 |  |                |
| <b>AY</b>                           |  |           | <b>CF</b>                           |  |        | <b>CJ</b>                 |  |                |
| <b>AZ</b>                           |  |           | <b>CG</b>                           |  |        | <b>CK</b>                 |  |                |
| <b>BA</b>                           |  |           | <b>CH</b>                           |  |        | <b>CL</b>                 |  |                |
| <b>BB</b>                           |  |           | <b>CI</b>                           |  |        | <b>CM</b>                 |  |                |
| <b>BC</b>                           |  |           | <b>CJ</b>                           |  |        | <b>CN</b>                 |  |                |
| <b>BD</b>                           |  |           | <b>CK</b>                           |  |        | <b>CO</b>                 |  |                |
| <b>BE</b>                           |  |           | <b>CL</b>                           |  |        | <b>CP</b>                 |  |                |
| <b>BF</b>                           |  |           | <b>CM</b>                           |  |        | <b>CQ</b>                 |  |                |
| <b>BG</b>                           |  |           | <b>CN</b>                           |  |        | <b>CR</b>                 |  |                |
| <b>BH</b>                           |  |           | <b>CO</b>                           |  |        | <b>CS</b>                 |  |                |
| <b>BI</b>                           |  |           | <b>CP</b>                           |  |        | <b>CT</b>                 |  |                |
| <b>BJ</b>                           |  |           | <b>CQ</b>                           |  |        | <b>CU</b>                 |  |                |
| <b>BK</b>                           |  |           | <b>CR</b>                           |  |        | <b>CV</b>                 |  |                |
| <b>BL</b>                           |  |           | <b>CS</b>                           |  |        | <b>CW</b>                 |  |                |
| <b>BM</b>                           |  |           | <b>CT</b>                           |  |        | <b>CX</b>                 |  |                |
| <b>BN</b>                           |  |           | <b>CU</b>                           |  |        | <b>CY</b>                 |  |                |
| <b>BO</b>                           |  |           | <b>CV</b>                           |  |        | <b>CZ</b>                 |  |                |
| <b>BP</b>                           |  |           | <b>CW</b>                           |  |        | <b>DA</b>                 |  |                |
| <b>BQ</b>                           |  |           | <b>CX</b>                           |  |        | <b>DB</b>                 |  |                |
| <b>BR</b>                           |  |           | <b>CY</b>                           |  |        | <b>DC</b>                 |  |                |
| <b>BS</b>                           |  |           | <b>CZ</b>                           |  |        | <b>DD</b>                 |  |                |
| <b>BT</b>                           |  |           | <b>DA</b>                           |  |        | <b>DE</b>                 |  |                |
| <b>BU</b>                           |  |           | <b>DB</b>                           |  |        | <b>DF</b>                 |  |                |
| <b>BV</b>                           |  |           | <b>DC</b>                           |  |        | <b>DG</b>                 |  |                |
| <b>BW</b>                           |  |           | <b>DD</b>                           |  |        | <b>DH</b>                 |  |                |
| <b>BX</b>                           |  |           | <b>DE</b>                           |  |        | <b>DI</b>                 |  |                |
| <b>BY</b>                           |  |           | <b>DF</b>                           |  |        | <b>DJ</b>                 |  |                |
| <b>BZ</b>                           |  |           | <b>DG</b>                           |  |        | <b>DK</b>                 |  |                |
| <b>CA</b>                           |  |           | <b>DH</b>                           |  |        | <b>DL</b>                 |  |                |
| <b>CB</b>                           |  |           | <b>DI</b>                           |  |        | <b>DM</b>                 |  |                |
| <b>CC</b>                           |  |           | <b>DJ</b>                           |  |        | <b>DN</b>                 |  |                |
| <b>CD</b>                           |  |           | <b>DK</b>                           |  |        | <b>DO</b>                 |  |                |
| <b>CE</b>                           |  |           | <b>DL</b>                           |  |        | <b>DP</b>                 |  |                |
| <b>CF</b>                           |  |           | <b>DM</b>                           |  |        | <b>DQ</b>                 |  |                |
| <b>CG</b>                           |  |           | <b>DN</b>                           |  |        | <b>DR</b>                 |  |                |
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| <b>CP</b>                           |  |           | <b>DX</b>                           |  |        | <b>EA</b>                 |  |                |
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| <b>CU</b>                           |  |           | <b>EC</b>                           |  |        | <b>EF</b>                 |  |                |
| <b>CV</b>                           |  |           | <b>ED</b>                           |  |        | <b>EG</b>                 |  |                |
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| <b>CY</b>                           |  |           | <b>EH</b>                           |  |        | <b>EJ</b>                 |  |                |
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| <b>DB</b>                           |  |           | <b>EK</b>                           |  |        | <b>EM</b>                 |  |                |
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| <b>DX</b>                           |  |           | <b>FH</b>                           |  |        | <b>FI</b>                 |  |                |
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| <b>EJ</b>                           |  |           | <b>FT</b>                           |  |        | <b>FU</b>                 |  |                |
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| <b>EX</b>                           |  |           | <b>GH</b>                           |  |        | <b>GI</b>                 |  |                |
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| <b>EZ</b>                           |  |           | <b>GO</b>                           |  |        | <b>GP</b>                 |  |                |
| <b>FA</b>                           |  |           | <b>GP</b>                           |  |        | <b>GQ</b>                 |  |                |
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| <b>FC</b>                           |  |           | <b>GR</b>                           |  |        | <b>GS</b>                 |  |                |
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| <b>FF</b>                           |  |           | <b>GU</b>                           |  |        | <b>GV</b>                 |  |                |
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| <b>FL</b>                           |  |           | <b>HB</b>                           |  |        | <b>HC</b>                 |  |                |
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| <b>FR</b>                           |  |           | <b>HH</b>                           |  |        | <b>HI</b>                 |  |                |
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| <b>GG</b>                           |  |           | <b>HW</b>                           |  |        | <b>HX</b>                 |  |                |
| <b>GH</b>                           |  |           | <b>HX</b>                           |  |        | <b>HY</b>                 |  |                |
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| <a href="#">RPH2-90BXB-FR</a>   | 10 |
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| <a href="#">TM120RT-B</a>           | 8          |
| <a href="#">TM447-B</a>             | 8          |
| <a href="#">TMIPH135LR</a>          | 8          |
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| <a href="#">UMS130SC-B</a>    | 10         |
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