

# Habasit America Core Products

Plastic

Fabric

Monolithic



### Habasit America Core Products

Here are Habasit's key solutions for the food industry – fabric, plastic, and monolithic belts, designed and fabricated for safety, reliability, and durability. With wear- and abrasion-resistant coatings and chemical resistance to common cleaning agents and food ingredients, Habasit belts deliver outstanding performance, superior service life, and full compliance with FDA and EU regulations.

Habasit provides an extensive food conveyor and processing belt range featuring high-quality coating materials suitable for all modern food production steps. These belts offer excellent features for all types of food processing: outstanding release properties even for very sticky foodstuffs plus quick and easy cleanability.

Our food conveyor and processing belts are used in many different applications within the food industry. You can find application-specific details at [www.habasitamerica.com](http://www.habasitamerica.com)

## Core Fabric Belts

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Habasit fabric belts offer excellent, low-friction release properties. Styles include bare fabric, impregnated, and solid woven belts.

- General food belts
- Fabric cover series
- Silicone series
- Habasit® Cleanline
- Premium TPU
- HabaGUARD
- Frayless (low fray)
- SWP

## Core Plastic Belts

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The HabasitLINK® plastic modular belts include more than 150 styles in various materials and colors. They offer outstanding drive and tracking, resistance to extreme conditions, quick repair and maintenance, high strength, longer life, and many surface options.

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## Core Monolithic Belts

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Hygienic, extruded Habasit® Cleandrive monolithic belts are designed for wet applications in the food industry and satisfy the most demanding requirements while delivering exceptional performance, reliability, and cost-efficiency. Impenetrable by water, oil, and grease, they offer many surface structures and meet most regulatory requirements.

- Positive Drive
- Friction Drive
- Lug Drive

Habasit TPU-coated fabric belts feature high abrasion resistance, easy cleaning, and very good release properties over their entire life. They meet demanding standards for food safety and operational efficiency. Hot or cold, they stay flexible, impermeable to water and oils, and resist fraying and layer separation even after repeated cleaning.

| Product Group and Belt Type | PLY / Fabrics | Tension member, material | Cover friction | Conveying side, material | Conveying side, surface | Conveying side, color | Back side, material | Back side, surface | Back side, color | Joining |
|-----------------------------|---------------|--------------------------|----------------|--------------------------|-------------------------|-----------------------|---------------------|--------------------|------------------|---------|
| <b>General Food Belts</b>   |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| F-3EQWT 09 (XVT-2381)       | 1             | PET                      | M              | TPU                      | smooth                  | white                 | TPU                 | impreg.            | white            | F,L     |
| F-5EIWT                     | 2             | PET                      | N              | PET                      | impreg.                 | white                 | PET                 | impreg.            | white            | F,L     |
| F-5EQWT                     | 2             | PET                      | M              | TPU                      | smooth                  | white                 | TPU                 | impreg.            | white            | F,L     |
| F-5EXCT                     | 2             | PET                      | M              | TPU                      | smooth                  | cobalt blue           | PET                 | impreg.            | white            | F,L,T   |
| F-8EQWT                     | 2             | PET                      | M              | TPU                      | smooth                  | white                 | TPU                 | impreg.            | white            | F,L,T   |
| F-8EXWT                     | 2             | PET                      | M              | TPU                      | smooth                  | white                 | TPU                 | impreg.            | white            | F,L,T   |
| FAB-2E                      | 1             | PET                      | A              | TPU                      | smooth                  | white                 | PET                 | impreg.            | light grey       | F,L     |
| FAW-7EIC                    | 2             | PET                      | A              | TPU                      | waffle                  | cobalt blue           | TPU                 | impreg.            | light blue       | F,L     |
| FMB-5EQ                     | 2             | PET                      | M              | TPU                      | smooth                  | white                 | TPU                 | impreg.            | white            | F,L,T   |
| FNI-5EI 09                  | 2             | PET                      | N              | TPU                      | impregnated             | white                 | TPU                 | impreg.            | white            | F,L,T   |
| FNI-6EIC                    | 2             | PET                      | N              | TPU                      | impregnated             | blue                  | TPU                 | impreg.            | blue             | F,L     |
| T11/U MATT BLUE             | 1             | PET                      | A              | TPU                      | matt                    | blue                  | PET                 | impreg.            | white            | F       |
| TC13/NM                     | 2             | PET                      | N              | PET/CO                   | fabric                  | white                 | TPU                 | impreg.            | green            | F,L     |
| TT122 LIGHT BLUE            | 2             | PET                      | M              | TPU                      | glossy                  | light blue            | TPU                 | glossy             | light blue       | F,L     |
| TT191/AS                    | 2             | PET                      | N              | TPU                      | smooth                  | transparent           | TPU                 | impreg.            | white            | F,L     |
| TT20/RP                     | 2             | PET                      | N              | TPU                      | basketweave             | white                 | TPU                 | impreg.            | white            | F,L     |
| XVT-2304                    | 2             | PET                      | N              | TPU                      | smooth                  | white                 | TPU                 | impreg.            | white            | F,L,T   |
| <b>Fabric Cover Series</b>  |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| FNT-5P (XVT-1708)           | 2             | PA                       | N              | PA                       | fabric                  | light grey            | PA                  | fabric             | light grey       | L,T     |
| FNR-5RFWR                   | 2             | PET/CO                   | N              | PET/CO                   | fabric                  | white                 | PET/CO              | fabric             | white            | F,L     |
| <b>Silicone Series</b>      |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| FAB-5ER 10                  | 2             | PET                      | S              | silicone                 | smooth                  | white                 | TPU                 | impreg.            | white            | F,L     |
| <b>Habasit® Cleanline</b>   |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| CNB-6EB-A1                  | 2             | PET                      | N              | Habilene®                | smooth                  | white                 | TPU                 | impreg.            | white            | F,L     |
| CNB-6EBC-A1                 | 2             | PET                      | N              | Habilene®                | smooth                  | blue                  | TPU                 | impreg.            | white            | F,L     |
| <b>Premium TPU</b>          |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| FAB-5EZCH-P1                | 2             | PET                      | A              | TPU                      | glossy                  | cobalt blue           | TPU                 | impreg.            | white            | F,L     |
| FAB-5EZWH-P1                | 2             | PET                      | A              | TPU                      | glossy                  | white                 | TPU                 | impreg.            | white            | F,L     |
| FNB-5EZCH-P1                | 2             | PET                      | M              | TPU                      | matt                    | cobalt blue           | TPU                 | impreg.            | white            | F,L     |
| FNB-5EZWH-P1                | 2             | PET                      | M              | TPU                      | matt                    | white                 | TPU                 | impreg.            | white            | F,L     |
| FNT-5MRWH-P1                | 2             | PA/CO                    | N              | PA/CO                    | fabric                  | white                 | PA/CO               | fabric             | white            | F, L    |
| <b>HabaGUARD</b>            |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| FAB-5E+H15                  | 2             | PET                      | A              | TPU                      | smooth                  | white                 | TPU                 | impreg.            | light blue       | F,L     |
| FNB-12EVCO+H15              | 2             | PET                      | N              | TPU                      | smooth                  | cobalt blue           | TPU                 | quad.              | cobalt blue      | F,L     |
| <b>Frayless (low fray)</b>  |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| TT12                        | 2             | PET                      | M              | TPU                      | glossy                  | white                 | TPU                 | impreg.            | white            | F,L     |
| TT12 MATT BL                | 2             | PET                      | N              | TPU                      | matt                    | cobalt blue           | TPU                 | impreg.            | white            | F,L     |
| TT12/AS MATT W              | 2             | PET                      | N              | TPU                      | matt                    | white                 | TPU                 | impreg.            | white            | F,L     |
| <b>SWP</b>                  |               |                          |                |                          |                         |                       |                     |                    |                  |         |
| SWP/2HS                     | 2             | PET                      | N              | PET                      | fabric                  | white                 | PET                 | fabric             | white            | L,S     |

The EPA-approved antimicrobial in HabaGUARD prevents the growth of microorganisms that could cause spoilage or fouling on the belt surface. This product does not protect users or others against foodborne or disease-causing bacteria. Adhering to proper cleaning procedures is always essential.

| Thickness [in.] | Pulley diameter, minimum [in.] | Nosebar Radius, minimum [in.] | Tensile force for 1% elongation per unit of width k1% [lbs./in.] | Minimum Temperature [°F] Continuous | Maximum Temperature [°F] Continuous | Belt Type             |
|-----------------|--------------------------------|-------------------------------|--|-------------------------------------|-------------------------------------|-----------------------|
| 0.04            | 0.6                            | 0.08                          | 29   | -4                                  | 158                                 | F-3EQWT 09 (XVT-2381) |
| 0.04            | 0.6                            | 0.08                          | 49   | 14                                  | 158                                 | F-5EIWT               |
| 0.05            | 0.6                            | 0.08                          | 54   | -22                                 | 176                                 | F-5EQWT 05            |
| 0.06            | 0.6                            | 0.16                          | 51   | -4                                  | 176                                 | F-5EXCT               |
| 0.06            | 0.8                            | 0.16                          | 51   | -22                                 | 176                                 | F-8EQWT 05            |
| 0.06            | 0.8                            | 0.16                          | 51   | -22                                 | 176                                 | F-8EXWT 05            |
| 0.03            | 0.6                            | 0.16                          | 18   | -22                                 | 176                                 | FAB-2E                |
| 0.06            | 0.8                            | 0.16                          | 49   | -22                                 | 194                                 | FAW-7EIC              |
| 0.06            | 0.6                            | 0.16                          | 31   | -22                                 | 176                                 | FMB-5EQ               |
| 0.06            | 0.6                            | 0.16                          | 31   | -22                                 | 176                                 | FNI-5EI 09            |
| 0.04            | 0.8                            | 0.16                          | 43   | -22                                 | 176                                 | FNI-6EIC              |
| 0.03            | 0.6                            | 0.16                          | 34   | -4                                  | 176                                 | T11/U MATT BLUE       |
| 0.05            | 0.6                            | 0.16                          | 34   | -4                                  | 194                                 | TC13/NM               |
| 0.06            | 0.8                            | -                             | 40   | -4                                  | 212                                 | TT122 LIGHT BLUE      |
| 0.07            | 1.6                            | -                             | 23   | -4                                  | 212                                 | TT191/AS              |
| 0.09            | 1.6                            | 0.39                          | 23   | -4                                  | 212                                 | TT20/RP               |
| 0.06            | 0.8                            | 0.16                          | 51   | -22                                 | 176                                 | XVT-2304              |
| 0.04            | 0.8                            | -                             | 19   | -4                                  | 212                                 | FNT-5P                |
| 0.10            | 1.0                            | -                             | 34   | 14                                  | 194                                 | FNR-5RFWR             |
| 0.04            | 0.6                            | 0.16                          | 37   | -22                                 | 176                                 | FAB-5ER 10            |
| 0.04            | 0.6                            | 0.08                          | 23   | -40                                 | 176                                 | CNB-6EB-A1            |
| 0.04            | 0.6                            | 0.08                          | 24   | -40                                 | 176                                 | CNB-6EBC              |
| 0.05            | 0.6                            | 0.16                          | 40   | -22                                 | 230                                 | FAB-5EZCH-P1          |
| 0.05            | 0.6                            | 0.16                          | 43   | -22                                 | 230                                 | FAB-5EZWH-P1          |
| 0.05            | 0.6                            | 0.16                          | 43   | -40                                 | 230                                 | FNB-5EZCH-P1          |
| 0.05            | 0.6                            | 0.16                          | 43   | -40                                 | 230                                 | FNB-5EZWH-P1          |
| 0.05            | 0.59                           | 0.16                          | 9  | -22                                 | 230                                 | FNT-5MRWH-P1          |
| 0.05            | 0.6                            | 0.16                          | 37   | -22                                 | 176                                 | FAB-5E+H15            |
| 0.07            | 0.8                            | -                             | 57   | -4                                  | 176                                 | FNB-12EVCO+H15        |
| 0.05            | 0.6                            | 0.16                          | 34   | -4                                  | 212                                 | TT12                  |
| 0.05            | 0.6                            | 0.16                          | 51   | -4                                  | 212                                 | TT12 MATT BL          |
| 0.05            | 0.6                            | -                             | 43   | -4                                  | 212                                 | TT12/AS MATT W        |
| 0.10            | 1.0                            | -                             | 26   | 32                                  | 310                                 | SWP/2 Ply Heat Set    |

**Explanations**  
 • = applicable  
 ◊ = conditionally applicable  
 - = not applicable

PET/CO = polyester/cotton  
 PET = polyester  
 TPU = polyurethane, thermoplastic

**Joining**  
 B = Butt Joint  
 F = Flexproof  
 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**  
 A = Adhesive  
 M = Medium Adhesive  
 N = Non-Adhesive

## Belt selection criteria

### Belt selection criteria

Why are there so many different belts available? Here are a few things to think about when selecting a belt style. Always try to match the belt style to your application.

### Belt path

When you need to move product in a straight line, use a straight running belt. To move your product through turns, use a turning belt. Straight running belts generally can handle higher loads than turning belts.

Our turning belts are called “radius” belts. Other manufacturers might refer to them as side flexing belts. In either case, our radius belts operate in both straight and radius applications, conform to the shape of your process, or minimize transfers. Product remains properly oriented on the belt. Our belts also decrease the number of drives needed for certain applications.

### Belt surface

The top surface of the belt is in contact with your product and might have an effect on it. If your product is soft, the belt surface could be imprinted on the bottom during freezing, cooking or cooling stages. If you have sticky goods to convey, you may want to choose a belt surface with reduced contact area and/or a material that offers high release characteristics such as polyethylene or acetal.

Some belts have openings to allow air or fluid to flow in applications such as cooling, washing, sanitizing, sizing, sorting, removal of “fines”, etc. Curved top belt styles allow continuous contact of a scraper to maximize product removal and give tighter transfer of product to a deadplate of another conveyor. Some belts have a raised rib surface and are used with a finger transfer plate. The fingers fit between the ribs. As the belt moves, the finger transfer plate lifts the product from the belt.

### Belt accessories

Many belts have accessories such as rollers for product accumulation or acceleration, ribs or flights to contain product on inclines/declines, side plates to

keep material from falling off high friction inserts to keep product from slipping, and hold-down tabs to keep the belt from rising up in turns.

### Cleanability

Food application belts need to be easy to clean and comply with regulatory requirements. You will need to determine if the belt you choose meets the cleaning requirements for your application.

### Belt pitch

Belts come in various pitches. The pitch is the distance from pin to pin. Smaller pitch belts generally run smoother, faster and allow tighter transfers. Larger pitch belts will usually take larger loads, more impacts, and longer runs.

### Belt color

Most belts are available in the industry accepted standard colors. Additional colors are available but may incur additional charges and longer lead-time.

### Belt material


Environmental factors may affect belt performance.

- High or low temperatures may reduce belt strength and affect impact strength
- Ovens may melt or dry out certain materials
- Heavy impacts will destroy certain materials
- Immersion in water can cause materials to swell
- Cleaning chemicals or solutions can harm belting
- Abrasive materials can wear out belting prematurely

Additives can make belt material detectable by metal detectors. Therefore, it is very important to pick the right material for the right application.

### Rods / Pins

The rods or pins that connect our belts are made from plastic or stainless steel and are subject to the same environmental conditions.

 Belts must not be exposed to direct heat or flames.

Habasit began developing safe, hygienic plastic conveyor and processing belts in 2000 and we are now an industry leader with innovative solutions to meet challenging food-processing needs. The belt types shown here are kept in stock for fast assembly and delivery. For detailed information, refer to the HabasitLINK® Plastic Modular Product Guide and HabasitLINK® Engineering Guide.

| Belt Code | Belt Type                                   | Pitch | Belt Material and Color             |           |          |         |            |          |         |         |          |                   |          | Code | Belt Material |             |               |           |  |
|-----------|---|-------|-------------------------------------|-----------|----------|---------|------------|----------|---------|---------|----------|-------------------|----------|------|---------------|-------------|---------------|-----------|--|
|           |   |       | Pitch Measurements Stated in Inches | PBT Black | PE Black | PE Blue | PE Natural | PE White | PP Blue | PP Gray | PP White | PP + DE Dark Gray | POM Blue |      |               | POM Natural | POM Off-White | POM White | Nylon (PA + GF) Brown  |
| M0870     | Micropitch Flat Top                         | 0.3   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PP        | Polypropylene  |
| M0873     | Micropitch Non Slip                         | 0.3   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PE        | Polyethylene   |
| M0885     | Micropitch Flush Grid                       | 0.3   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | POM       | Polyoxymethelene (Acetal)  |
| M1065     | Flat Top HyCLEAN                            | 0.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PA        | Polyamide (Nylon)  |
| M1185     | Flush Grid                                  | 0.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PBT       | Polybutylene Terephthalate   |
| M1220     | Flat Top                                    | 0.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PP+DE     | Detectable Polypropylene   |
| M1220     | GripTop                                     | 0.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PA+GF     | Reinforced Polyamide (Nylon)   |
| M1233     | Flush Grid                                  | 0.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | Code      | Temperature range  |
| SM605     | Smooth Mesh                                 | 0.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PP        | +5 °C to +105 °C *<br>+40 °F to +220 °F *  |
| CM605     | Curved Mesh                                 | 0.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PE        | -70 °C to +65 °C **<br>-94 °F to +150 °F **  |
| M2510     | Flat Top                                    | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | POM       | Wet conditions:<br>-40 °C to +60 °C<br>-40 °F to +140 °F   |
| M2514     | Nub Top                                     | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           | Dry conditions:<br>-40 °C to +93 °C<br>-40 °F to +200 °F   |
| M2520     | Flat Top                                    | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PA        | Dry conditions :<br>-46 °C to +118 °C (short-term +135 °C)<br>-50 °F to +245 °F (short-term +275 °F) |
| M2520     | GripTop                                     | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M2533     | Flush Grid                                  | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M2540     | Radius Flush Grid                           | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M2540     | Radius Flush Grid MTW                       | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M2540     | Radius GripTop                              | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M2544     | Tight Radius                                | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M2544     | Tight Radius GripTop                        | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| IS610     | Radius Flush Grid                           | 1     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PBT       | Wet conditions:<br>-40 °C to +50°C<br>-40 °F to +122 °F  |
| F52       | Smart Fit 1/2" x 1/2" Flat Wire             | 1.1   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M3840     | Radius Flush Grid                           | 1.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           | Dry conditions:<br>-40 °C to +120°C<br>-40 °F to + 248 °F  |
| M3843     | Tight Radius                                | 1.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| CC41      | Flat Solid Top                              | 1.75  |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M5015     | Flat Top                                    | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PP+DE     | +5 °C to + 105 °C *<br>+40 °F to 220 °F *  |
| M5060     | Flat Top                                    | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M5085     | Flush Grid                                  | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               | PA+GF     | Dry conditions:<br>-40 °C to +145 °C (short-term +175 °C)<br>-40 °F to +293 °F (short-term +347 °F)  |
| SE620     | Straight Edge Flush Grid                    | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| IS620-R   | Radius Flush Grid                           | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| HDU620    | FT (Flat Top)                               | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| HDU620    | VT (Vented Top)                             | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| HDU620    | CT (Curved Top)                             | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| HDU620    | EZR Easy Release                            | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| PR620     | Spiral Pro                                  | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| PR620     | SPS (Spiral Pro - Small Product Surface)    | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| PR620     | SPS CT (Spiral Pro - Small Product Surface) | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| PR620     | TTR (Spiral Pro - Tight Turn Radius)        | 2     |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |
| M6360     | Flat Top                                    | 2.5   |                                     |           |          |         |            |          |         |         |          |                   |          |      |               |             |               |           |  |

■ Stocked

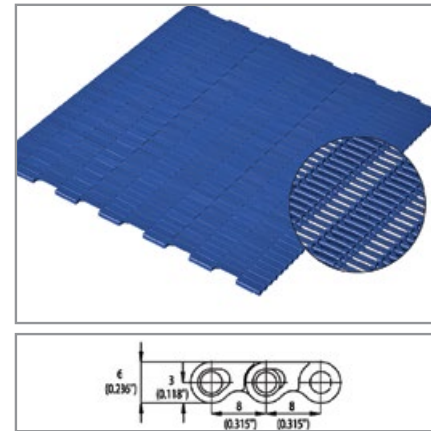
\* High impacts below 10 °C (50 °F) must be avoided.  
\*\* Below -40 °C (-40 °F), thermal belt shrinkage requires a sprocket pitch diameter adaptation.

### M0870 Micropitch Flat Top 0.3"

Belt data

| Belt material                                   |                              | POM                   |                       |
|---|------------------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PA                    | PBT                   |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 2500<br>171           | 2500                  |
| Temperature range                               | °C<br>°F                     | -40 - 93<br>-40 - 200 | -40 - 93<br>-40 - 200 |
| Belt weight $m_g$                               | kg/m <sup>2</sup><br>lb/sqft | 5.3<br>1.09           | 5.5<br>1.23           |
| Standard belt color                             |                              | Blue/White            |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

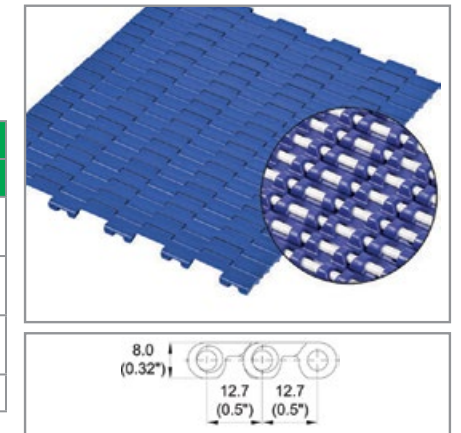


### M1065 Flat Top 0.5" HyCLEAN

Belt data

| Belt material                                   |                              | POM                  |                       |                       |
|---|------------------------------|----------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PP                   | PBT                   | POM                   |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 |                      | 4700<br>322           | 4700<br>322           |
| Temperature range                               | °C<br>°F                     | +5 - 93<br>+41 - 200 | -40 - 93<br>-40 - 200 | -40 - 93<br>-40 - 200 |
| Belt weight $m_g$                               | kg/m <sup>2</sup><br>lb/sqft |                      | 5.7<br>1.17           | 5.7<br>1.17           |
| Standard belt color                             |                              | Blue                 |                       |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

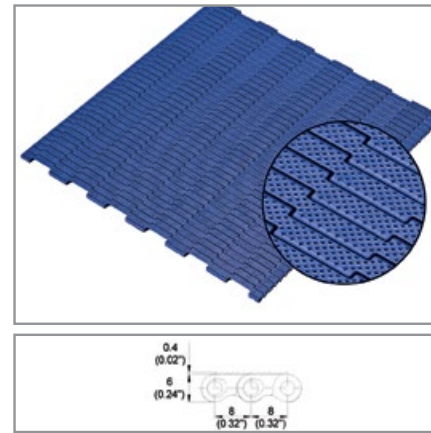


### M0873 Micropitch Non Slip 0.3"

Belt data

| Belt material                                   |                              | POM                   |                       |
|---|------------------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PA                    | PBT                   |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 2500<br>171           | 2500                  |
| Temperature range                               | °C<br>°F                     | -40 - 93<br>-40 - 200 | -40 - 93<br>-40 - 200 |
| Belt weight $m_g$                               | kg/m <sup>2</sup><br>lb/sqft | 5.3<br>1.09           | 5.5<br>1.23           |
| Standard belt color                             |                              | Blue                  |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

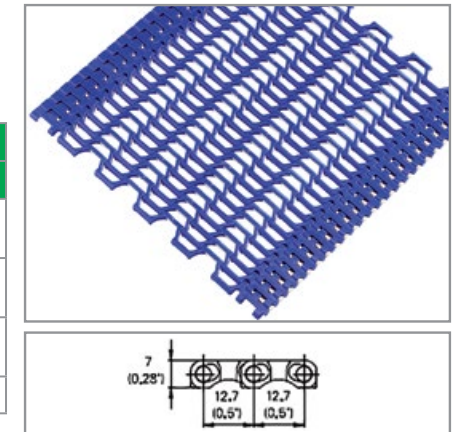


### M1185 Flush Grid 0.5"

Belt data

| Belt material                                   |                              | POM                   |                       |
|---|------------------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PA                    | PBT                   |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 4400<br>301           | 4250<br>291           |
| Temperature range                               | °C<br>°F                     | -40 - 93<br>-40 - 200 | -40 - 93<br>-40 - 200 |
| Belt weight $m_g$                               | kg/m <sup>2</sup><br>lb/sqft | 3.6<br>0.75           | 3.6<br>0.75           |
| Standard belt color                             |                              | Blue/White            |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

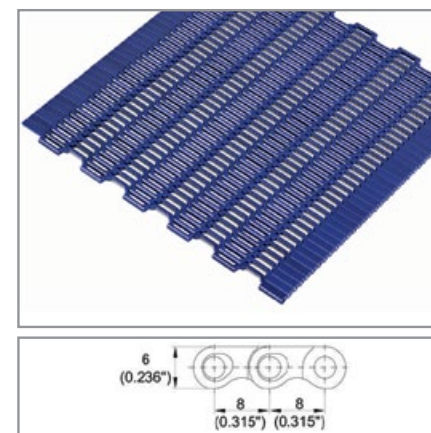


### M0885 Micropitch Flush Grid 0.3"

Belt data

| Belt material                                   |                              | POM                   |                       |
|---|------------------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PA                    | PBT                   |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 2400<br>164           | 2400                  |
| Temperature range                               | °C<br>°F                     | -40 - 93<br>-40 - 200 | -40 - 93<br>-40 - 200 |
| Belt weight $m_g$                               | kg/m <sup>2</sup><br>lb/sqft | 4.4<br>0.90           | 4.6<br>0.94           |
| Standard belt color                             |                              | Blue                  |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

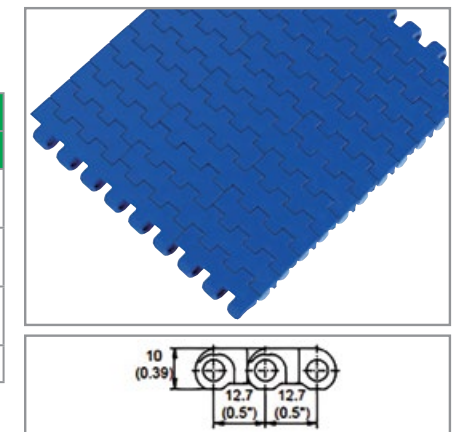


### M1220 Flat Top 0.5"

Belt data

| Belt material                                   |                              | PP                  | PE                    | POM                |                       |
|---|------------------------------|---------------------|-----------------------|--------------------|-----------------------|
| Rod material                                    |                              | PP                  | PE                    | PP                 | PA                    |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 11000<br>754        | 6000<br>411           | 16000<br>1096      | 18000<br>1233         |
| Temperature range                               | °C<br>°F                     | 5 - 105<br>40 - 220 | -70 - 65<br>-94 - 150 | 5 - 93<br>40 - 200 | -40 - 93<br>-40 - 200 |
| Belt weight $m_g$                               | kg/m <sup>2</sup><br>lb/sqft | 5.8<br>1.20         | 6.2<br>1.27           | 8.7<br>1.78        | 8.7<br>1.78           |
| Standard belt color                             |                              | Blue                |                       |                    |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

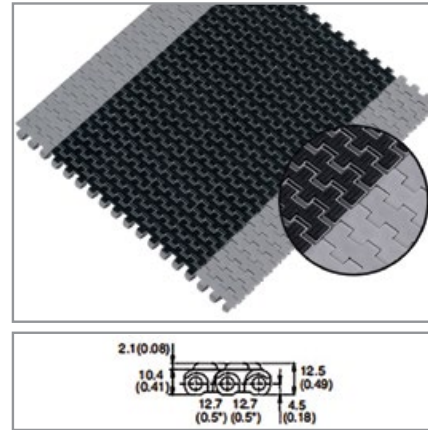


M1220 GripTop 0.5"

Belt data

| Belt material                                |                              | PP                 |                    |
|--|------------------------------|--------------------|--------------------|
| GripTop material                             |                              | TPE                |                    |
| Rod material                                 |                              | PA                 | POM                |
| Nominal tensile strength $F'_N$ straight run | N/m<br>lb/ft                 | 9000<br>617        | 9000<br>617        |
| Temperature range                            | °C<br>°F                     | 5 – 60<br>40 – 140 | 5 – 60<br>40 – 140 |
| Belt weight $m_8$                            | kg/m <sup>2</sup><br>lb/sqft | 6.5<br>1.33        | 6.5<br>1.33        |
| Standard belt color                          |                              | White              |                    |

The nominal tensile strength is valid for 23 °C (73 °F).

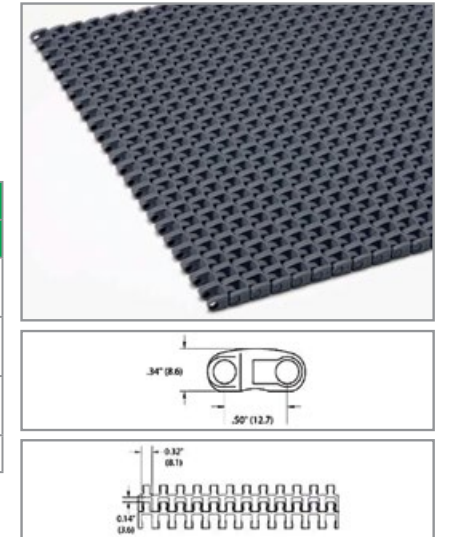


CM605 (Curved Mesh) 0.5"

Belt data

| Belt material                                |                              | PP                  | POM                |
|--|------------------------------|---------------------|--------------------|
| Rod material                                 |                              | PP                  |                    |
| Nominal tensile strength $F'_N$ straight run | N/m<br>lb/ft                 | 11675<br>800        | 20431<br>1400      |
| Temperature range                            | °C<br>°F                     | 5 – 105<br>40 – 220 | 5 – 93<br>40 – 200 |
| Belt weight $m_8$                            | kg/m <sup>2</sup><br>lb/sqft | 4.4<br>0.91         | 6.3<br>1.30        |
| Standard belt color                          |                              | Gray                | Blue/White         |

Additional abrasive resistant Nylon (Polyamide) rods available.  
The nominal tensile strength is valid for 23 °C (73 °F).

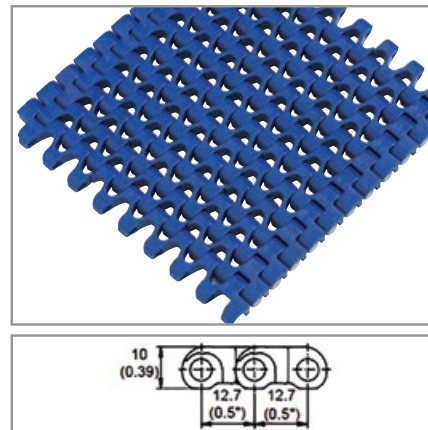


M1233 Flush Grid 0.5"

Belt data

| Belt material                                |                              | PE                    | POM                   |                    |                       |
|--|------------------------------|-----------------------|-----------------------|--------------------|-----------------------|
| Rod material                                 |                              | PE                    | PE                    | PP                 | PA                    |
| Nominal tensile strength $F'_N$ straight run | N/m<br>lb/ft                 | 7000<br>480           | 8000<br>548           | 16000<br>1096      | 18000<br>1233         |
| Temperature range                            | °C<br>°F                     | -70 – 65<br>-94 – 150 | -40 – 65<br>-40 – 150 | 5 – 93<br>40 – 200 | -40 – 93<br>-40 – 200 |
| Belt weight $m_8$                            | kg/m <sup>2</sup><br>lb/sqft | 5.4<br>1.11           | 7.2<br>1.48           | 7.2<br>1.48        | 7.2<br>1.48           |
| Standard belt color                          |                              | Blue                  |                       |                    |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

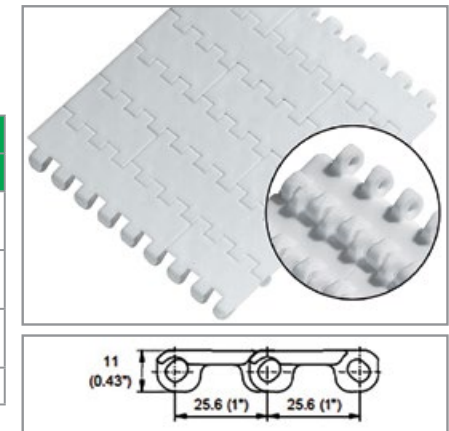


M2510 Flat Top 1"

Belt data

| Belt material                                |                              | PP                  | PE                    | POM                |                       |
|--|------------------------------|---------------------|-----------------------|--------------------|-----------------------|
| Rod material                                 |                              | PP                  | PE                    | PP                 | PA                    |
| Nominal tensile strength $F'_N$ straight run | N/m<br>lb/ft                 | 14000<br>959        | 8000<br>548           | 16000<br>1096      | 21900<br>1500         |
| Temperature range                            | °C<br>°F                     | 5 – 105<br>40 – 220 | -70 – 65<br>-94 – 150 | 5 – 93<br>40 – 200 | -40 – 93<br>-40 – 200 |
| Belt weight $m_8$                            | kg/m <sup>2</sup><br>lb/sqft | 4.9<br>1.00         | 5.2<br>1.05           | 7.3<br>1.49        | 7.3<br>1.49           |
| Standard belt color                          |                              | White               | Blue                  | Blue/White         |                       |

The nominal tensile strength is valid for 23 °C (73 °F).



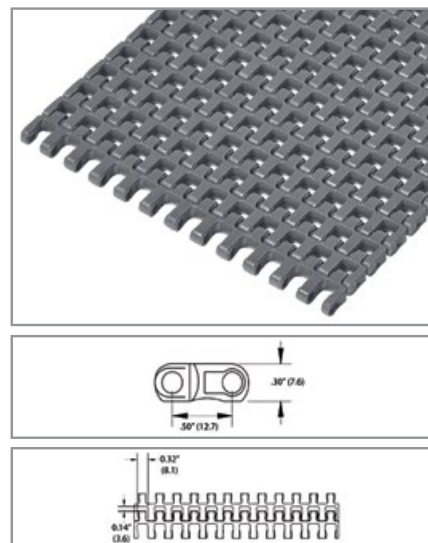
SM605 (Smooth Mesh) 0.5"

Belt data

| Belt material                                |                              | PP                  | PE                    | POM                |
|--|------------------------------|---------------------|-----------------------|--------------------|
| Rod material                                 |                              | PP                  | PE                    | PP                 |
| Nominal tensile strength $F'_N$ straight run | N/m<br>lb/ft                 | 11675<br>800        | 7005<br>480           | 20431<br>1400      |
| Temperature range                            | °C<br>°F                     | 5 – 105<br>40 – 220 | -70 – 65<br>-94 – 150 | 5 – 93<br>40 – 200 |
| Belt weight $m_8$                            | kg/m <sup>2</sup><br>lb/sqft | 4.2<br>0.86         | 4.4<br>0.91           | 6.1<br>1.25        |
| Standard belt color                          |                              | Gray/White          | White                 | Blue/White         |

Additional abrasive resistant Nylon (Polyamide) rods available.

The nominal tensile strength is valid for 23 °C (73 °F).

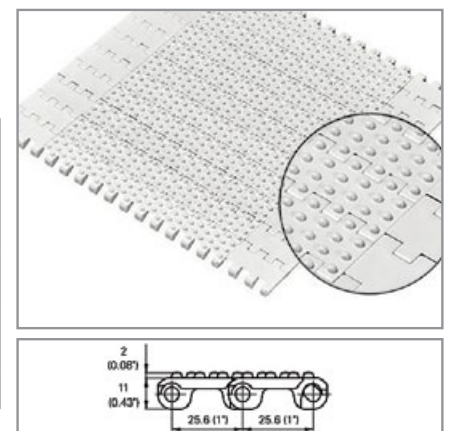


M2514 Nub Top 1"

Belt data

| Belt material                                |                              | POM                  |                       |
|--|------------------------------|----------------------|-----------------------|
| Rod material                                 |                              | PE                   | PA                    |
| Nominal tensile strength $F'_N$ straight run | N/m<br>lb/ft                 | 7000<br>479          | 21900<br>1500         |
| Temperature range                            | °C<br>°F                     | -40 – 65<br>40 – 150 | -40 – 93<br>-40 – 200 |
| Belt weight $m_8$                            | kg/m <sup>2</sup><br>lb/sqft | 7.7<br>1.57          | 7.7<br>1.57           |
| Standard belt color                          |                              | Blue                 |                       |

The nominal tensile strength is valid for 23 °C (73 °F).

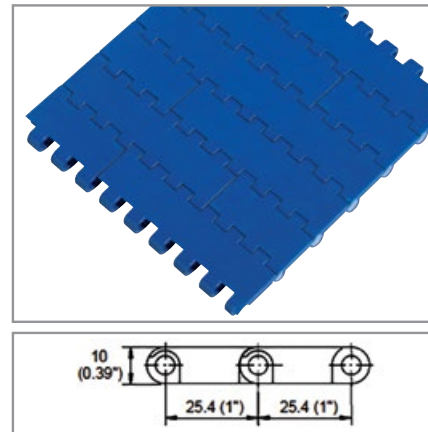


M2520 Flat Top 1"

Belt data

| Belt material                               |                              | PP                  |                    | POM                |                       |
|---|------------------------------|---------------------|--------------------|--------------------|-----------------------|
| Rod material                                |                              | PP                  | POM                | PP                 | PA                    |
| Nominal tensile strength $F_N$ straight run | N/m<br>lb/ft                 | 18000<br>1233       | 18000<br>1233      | 21500<br>1473      | 32000<br>2192         |
| Temperature range                           | °C<br>°F                     | 5 – 105<br>40 – 220 | 5 – 93<br>40 – 200 | 5 – 93<br>40 – 200 | -40 – 93<br>-40 – 200 |
| Belt weight $m_8$                           | kg/m <sup>2</sup><br>lb/sqft | 5.5<br>1.13         | 5.5<br>1.13        | 8.4<br>1.71        | 8.4<br>1.71           |
| Standard belt color                         |                              | White               |                    | Blue               |                       |

The nominal tensile strength is valid for 23 °C (73 °F).



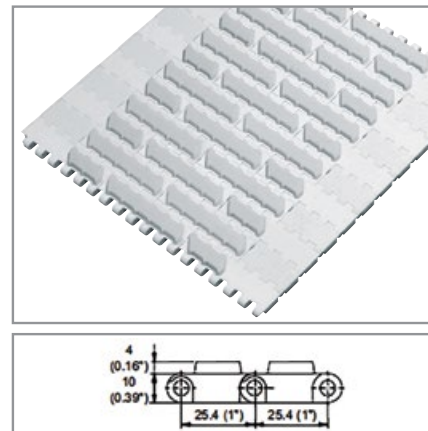
M2520 GripTop 1"

Belt data

| Belt material                               |                              | PP                 |                    | POM                |                       |
|---|------------------------------|--------------------|--------------------|--------------------|-----------------------|
| GripTop material                            |                              | TPE                |                    |                    |                       |
| Rod material                                |                              | PP                 | POM                | PP                 | PA                    |
| Nominal tensile strength $F_N$ straight run | N/m<br>lb/ft                 | 14000<br>959       | 18000<br>1233      | 18000<br>1233      | 26000<br>1781         |
| Temperature range                           | °C<br>°F                     | 5 – 60<br>40 – 140 | 5 – 60<br>40 – 140 | 5 – 60<br>40 – 140 | -40 – 60<br>-40 – 140 |
| Belt weight $m_8$                           | kg/m <sup>2</sup><br>lb/sqft | 8.7<br>1.74        | 8.7<br>1.74        | 11.4<br>2.34       | 11.4<br>2.34          |
| Standard belt color                         |                              | White              |                    | Blue/White         |                       |

The PBT +FR belt fulfills UL 94 V0 and ISO 340.

The nominal tensile strength is valid for 23 °C (73 °F).

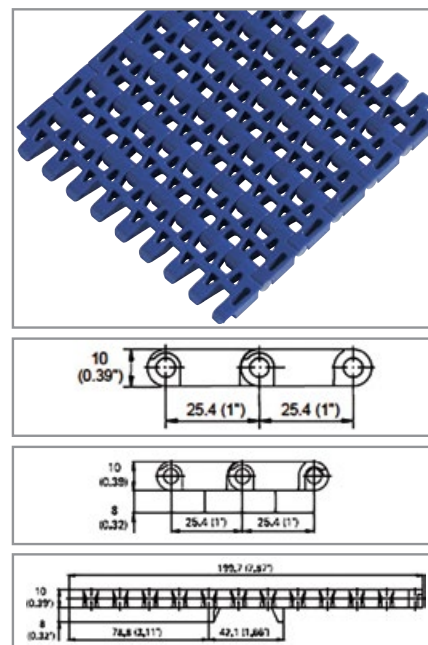


M2533 Flush Grid 1"

Belt data

| Belt material                               |                              | PP                  | PE                    | POM                |                       |
|---|------------------------------|---------------------|-----------------------|--------------------|-----------------------|
| Rod material                                |                              | PE                  | PE                    | PP                 | PA                    |
| Nominal tensile strength $F_N$ straight run | N/m<br>lb/ft                 | 14000<br>959        | 8000<br>548           | 18000<br>1233      | 24700<br>1692         |
| Temperature range                           | °C<br>°F                     | 5 – 105<br>40 – 220 | -70 – 65<br>-94 – 150 | 5 – 93<br>40 – 200 | -40 – 93<br>-40 – 200 |
| Belt weight $m_8$                           | kg/m <sup>2</sup><br>lb/sqft | 4.6<br>0.94         | 5.1<br>1.04           | 7.1<br>1.45        | 7.1<br>1.45           |
| Standard belt color                         |                              | White               | Blue                  | Blue/White         |                       |

The nominal tensile strength is valid for 23 °C (73 °F).



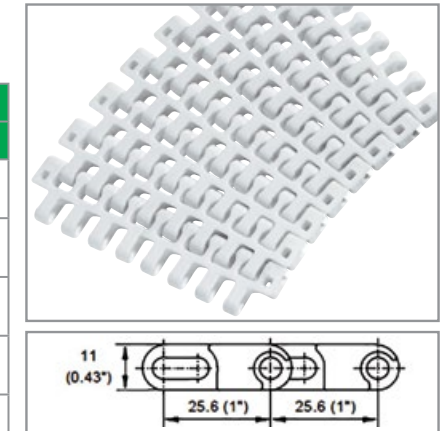
M2540 Radius Flush Grid 1"

Belt data

| Belt material  |                              | PP                 |                     | POM                   |  |
|--|------------------------------|--------------------|---------------------|-----------------------|--|
| Rod material   |                              | POM                | PA                  | PA                    |  |
| Nominal tensile strength $F_N$ straight run            | N/m<br>lb/ft                 | 19000<br>1300      | 19000<br>1300       | 27000<br>1850         |  |
| Nominal tensile strength $F_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 1000<br>225        | 1000<br>225         | 1500<br>338           |  |
| Temperature range                                      | °C<br>°F                     | 5 – 93<br>40 – 220 | 5 – 105<br>40 – 200 | -40 – 93<br>-40 – 200 |  |
| Belt weight $m_8$                                      | kg/m <sup>2</sup><br>lb/sqft | 4.7<br>0.96        | 4.7<br>0.96         | 7.0<br>1.44           |  |
| Standard belt color                                    |                              | White              |                     | Blue/White            |  |

<sup>(1)</sup>For  $b_0 > 300$  mm (12") higher values admissible. Refer to LINK-SeleCalc

The nominal tensile strength is valid for 23 °C (73 °F).



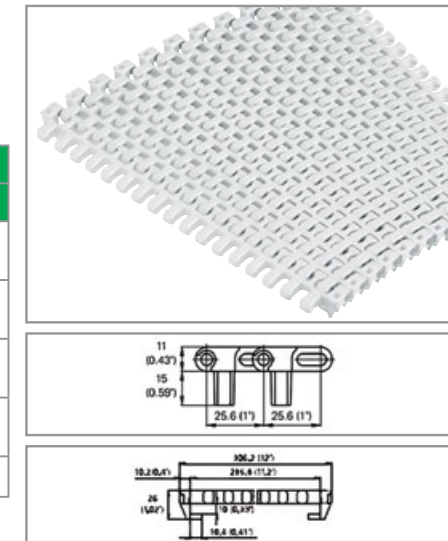
M2540 Radius Flush Grid 1" MTW

Belt data

| Belt material  |                              | PP                 |                     | POM                   |  |
|--|------------------------------|--------------------|---------------------|-----------------------|--|
| Rod material   |                              | POM                | PA                  | PA                    |  |
| Nominal tensile strength $F_N$ straight run            | N/m<br>lb/ft                 | 5810<br>1307       | 5810<br>1307        | 8260<br>1858          |  |
| Nominal tensile strength $F_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 1000<br>225        | 1000<br>225         | 1500<br>338           |  |
| Temperature range                                      | °C<br>°F                     | 5 – 93<br>40 – 200 | 5 – 105<br>40 – 220 | -40 – 93<br>-40 – 200 |  |
| Belt weight $m_8$                                      | kg/m <sup>2</sup><br>lb/sqft | 4.7<br>0.96        | 4.7<br>0.96         | 7.0<br>1.44           |  |
| Standard belt color                                    |                              | White              |                     | White                 |  |

<sup>(1)</sup> The indicated nominal tensile strength refers to 12" (306 mm) belt width. For  $b_0 > 12$ " higher values admissible, please contact your Habasit representative.

The nominal tensile strength is valid for 23 °C (73 °F).



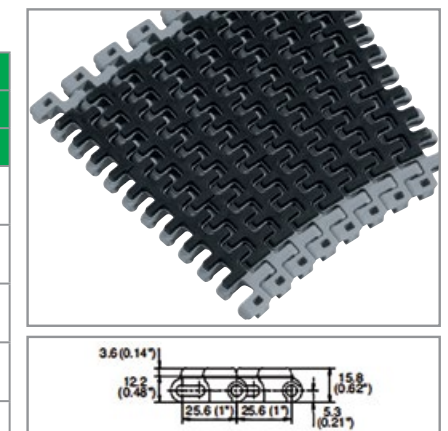
M2540 Radius GripTop 1"

Belt data

| Belt material  |                              | PP                 |                    |
|--|------------------------------|--------------------|--------------------|
| GripTop material                                       |                              | TPE                |                    |
| Rod material   |                              | POM                | PA                 |
| Nominal tensile strength $F_N$ straight run            | N/m<br>lb/ft                 | 19000<br>1300      | 19000<br>1300      |
| Nominal tensile strength $F_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 1000<br>225        | 1000<br>225        |
| Temperature range                                      | °C<br>°F                     | 5 – 60<br>40 – 140 | 5 – 60<br>40 – 140 |
| Belt weight $m_8$                                      | kg/m <sup>2</sup><br>lb/sqft | 6.4<br>1.31        | 6.4<br>1.31        |
| Standard belt color                                    |                              | White              |                    |

<sup>(1)</sup>For  $b_0 > 300$  mm (12") higher values admissible. Refer to LINK-SeleCalc

The nominal tensile strength is valid for 23 °C (73 °F).



# HabasitLINK® belting

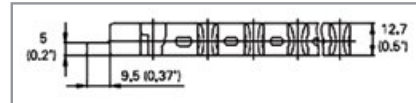
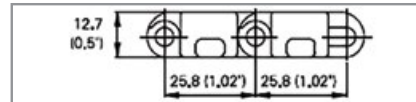
## M2544 Tight Radius 1"

**Belt data**

| Belt material  |                              | PP                 |                     | POM                   |
|--|------------------------------|--------------------|---------------------|-----------------------|
| Rod material   |                              | POM                | PA                  | PA                    |
| Nominal tensile strength<br>$F'_N$ straight run            | N/m<br>lb/ft                 | 14000<br>959       | 14000<br>959        | 20000<br>1370         |
| Nominal tensile strength<br>$F'_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 600<br>135         | 600<br>135          | 1100<br>247           |
| Temperature range  | °C<br>°F                     | 5 – 93<br>40 – 220 | 5 – 105<br>40 – 220 | -40 – 93<br>-40 – 200 |
| Belt weight $m_8$  | kg/m <sup>2</sup><br>lb/sqft | 5.8<br>1.19        | 5.8<br>1.19         | 8.4<br>1.72           |
| Standard belt color  |                              | White              |                     | Blue/White            |

<sup>(1)</sup>For  $b_0 > 600$  mm (23.6") higher values admissible. Refer to LINK-SeleCalc

The nominal tensile strength is valid for 23 °C (73 °F).



# HabasitLINK® belting

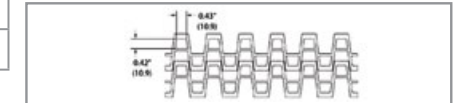
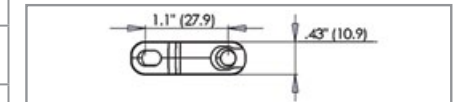
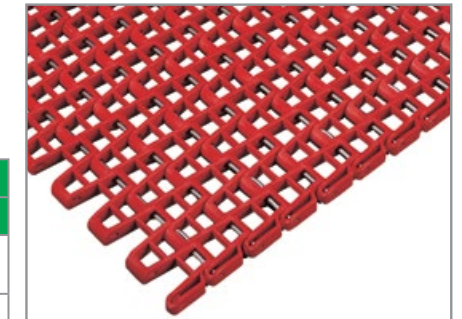
## F52 Smart Fit (1/2" x 1/2" Flat Wire) 1.1"

**Belt data**

| Belt material                                   |                              | Nylon (PA + GF)        |  |
|---|------------------------------|------------------------|--|
| Rod material                                    |                              | Stainless Steel        |  |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 8756<br>600            |  |
| Temperature range                               | °C<br>°F                     | -40 – 145<br>-40 – 293 |  |
| Temperature maximum<br>(short-term)             | °C<br>°F                     | 175<br>347             |  |
| Belt weight $m_8$                               | kg/m <sup>2</sup><br>lb/sqft | 7.7<br>1.57            |  |
| Standard belt color                             |                              | Brown                  |  |

Additional belt colors and materials available, abrasive resistant Nylon (Polyamide) rods available.

The nominal tensile strength is valid for 23 °C (73 °F).



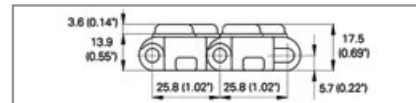
## M2544 Tight Radius GripTop 1"

**Belt data**

| Belt material  |                              | PP                 |                    |
|--|------------------------------|--------------------|--------------------|
| GripTop material   |                              | TPE                |                    |
| Rod material   |                              | POM                | PA                 |
| Nominal tensile strength<br>$F'_N$ straight run            | N/m<br>lb/ft                 | 14000<br>959       | 14000<br>959       |
| Nominal tensile strength<br>$F'_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 600<br>135         | 600<br>135         |
| Temperature range  | °C<br>°F                     | 5 – 60<br>40 – 140 | 5 – 60<br>40 – 140 |
| Belt weight $m_8$  | kg/m <sup>2</sup><br>lb/sqft | 7.2<br>1.47        | 7.2<br>1.47        |
| Standard belt color  |                              | White              |                    |

<sup>(1)</sup>For  $b_0 > 300$  mm (12") higher values admissible. Refer to LINK-SeleCalc

The nominal tensile strength is valid for 23 °C (73 °F).

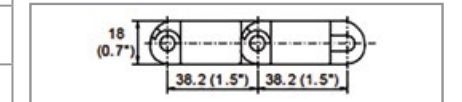


## M3840 Radius Flush Grid 1.5"

**Belt data**

| Belt material  |                              | POM                   |  |
|--|------------------------------|-----------------------|--|
| Rod material   |                              | PA                    |  |
| Nominal tensile strength<br>$F'_N$ straight run            | N/m<br>lb/ft                 | 32000<br>2192         |  |
| Nominal tensile strength<br>$F'_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 2400<br>540           |  |
| Temperature range  | °C<br>°F                     | -40 – 93<br>-40 – 200 |  |
| Belt weight $m_8$  | kg/m <sup>2</sup><br>lb/sqft | 11.8<br>2.42          |  |
| Standard belt color  |                              | White/Blue            |  |

The nominal tensile strength is valid for 23 °C (73 °F).

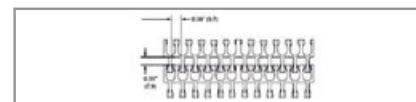
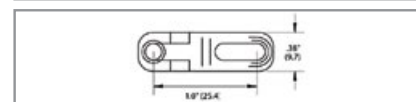
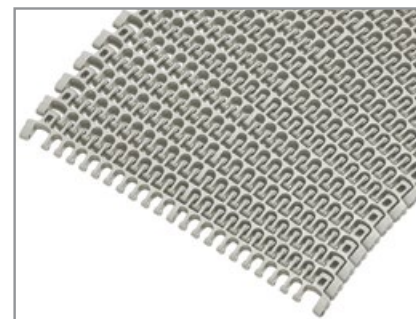


## IS610-R (Radius Flush Grid) 1"

**Belt data**

| Belt material                                   |                              | POM                   |  |
|---|------------------------------|-----------------------|--|
| Rod material                                    |                              | Nylon (PA)            |  |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 1334<br>300           |  |
| Temperature range                               | °C<br>°F                     | -40 – 93<br>-40 – 200 |  |
| Belt weight $m_8$                               | kg/m <sup>2</sup><br>lb/sqft | 6.4<br>1.03           |  |
| Standard belt color                             |                              | Blue                  |  |

The nominal tensile strength is valid for 23 °C (73 °F).



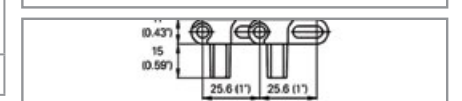
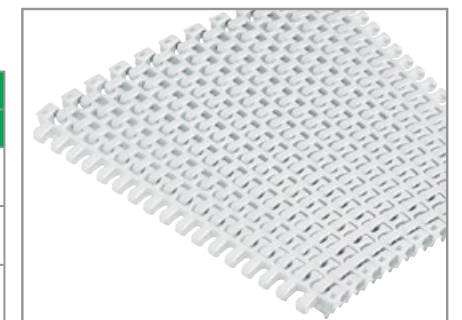
## M3843 Tight Radius 1.5"

**Belt data**

| Belt material  |                              | POM                   |                       |
|--|------------------------------|-----------------------|-----------------------|
| Rod material   |                              | POM                   | PA                    |
| Nominal tensile strength<br>$F'_N$ straight run            | N/m<br>lb/ft                 | 29000                 | 29000<br>1986         |
| Nominal tensile strength<br>$F'_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 2250                  | 2250<br>506           |
| Temperature range  | °C<br>°F                     | -40 - 93<br>-40 - 200 | -40 – 93<br>-40 – 200 |
| Belt weight $m_8$  | kg/m <sup>2</sup><br>lb/sqft | 12<br>2.45            | 11.8<br>2.42          |
| Standard belt color  |                              | Blue/White            |                       |

(1) For  $b_0 > 600$  mm (23.6") higher values admissible. Refer to LINK-SeleCalc.

The nominal tensile strength is valid for 23 °C (73 °F).

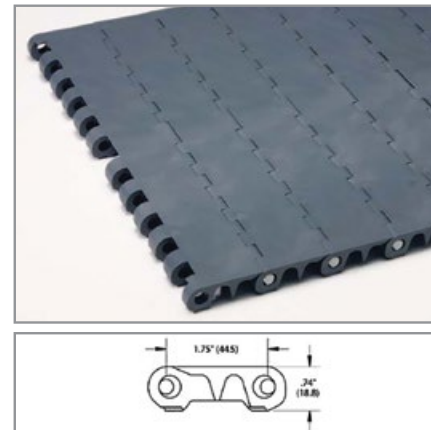




CC41 (Flat Top) 1.75"

| Belt data                                       |                              | PP                  | PP +DE              |
|---|------------------------------|---------------------|---------------------|
| Belt material                                   |                              | PP                  | PP +DE              |
| Rod material                                    |                              | Nylon (PA)          |                     |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 35024<br>2400       | 27728<br>1900       |
| Temperature range                               | °C<br>°F                     | 5 – 105<br>40 – 220 | 5 – 105<br>40 – 220 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 7.3<br>1.50         | 5.9<br>1.20         |
| Standard belt color                             |                              | Gray/White          | Dark Gray           |

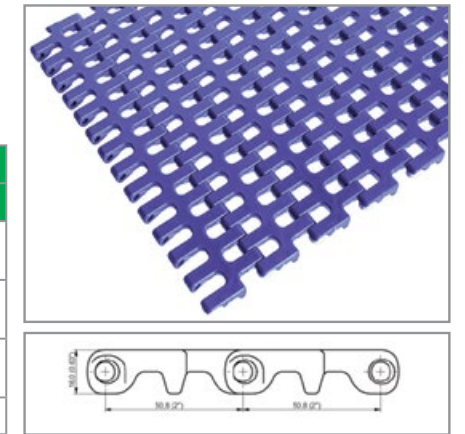
Stainless steel rods available.  
The nominal tensile strength is valid for 23 °C (73 °F).



M5085 Flush Grid 2"

| Belt data                                       |                              | PP                  |
|---|------------------------------|---------------------|
| Belt material                                   |                              | PP                  |
| Rod material                                    |                              | PP                  |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 16000<br>1096       |
| Temperature range                               | °C<br>°F                     | 5 – 105<br>40 – 220 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 7.5<br>1.44         |
| Standard belt color                             |                              | Blue                |

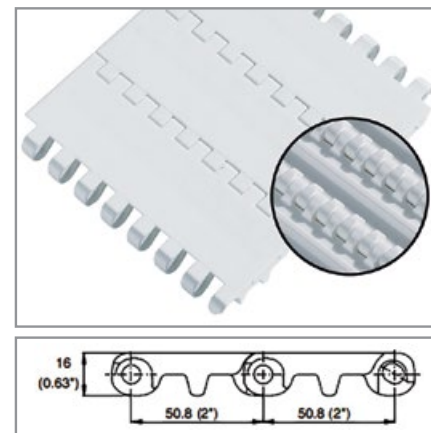
The nominal tensile strength is valid for 23 °C (73 °F).



M5015 Flat Top 2"

| Belt data                                       |                              | PE                    |
|---|------------------------------|-----------------------|
| Belt material                                   |                              | PE                    |
| Rod material                                    |                              | PE                    |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 18000<br>1233         |
| Temperature range                               | °C<br>°F                     | -70 – 65<br>-94 – 150 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 10.4<br>2.13          |
| Standard belt color                             |                              | Black                 |

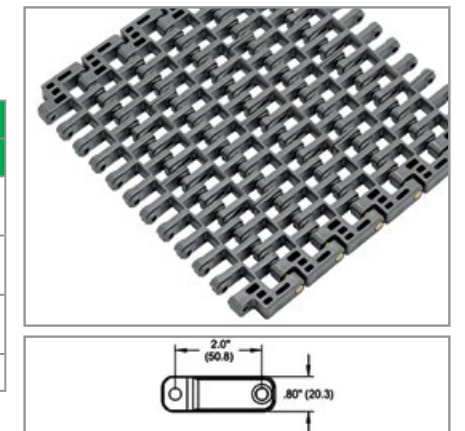
The nominal tensile strength is valid for 23 °C (73 °F).



SE620 (Straight Edge Flush Grid) 2"

| Belt data                                       |                              | PBT                    |
|---|------------------------------|------------------------|
| Belt material                                   |                              | PBT                    |
| Rod material                                    |                              | PA                     |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 39402<br>2700          |
| Temperature range                               | °C<br>°F                     | -40 – 118<br>-40 – 245 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 13.0<br>2.67           |
| Standard belt color                             |                              | Black                  |

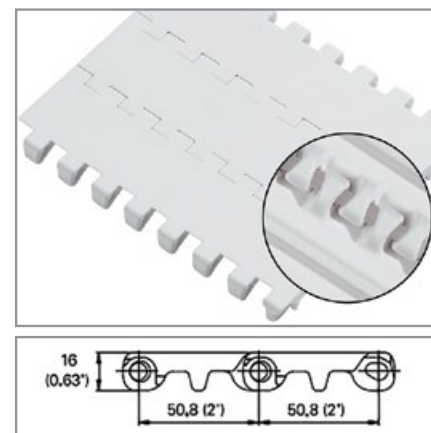
The nominal tensile strength is valid for 23 °C (73 °F).



M5060 Flat Top 2"

| Belt data                                       |                              | POM                   |                       | PE                    |                       |
|---|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Belt material                                   |                              | POM                   |                       | PE                    |                       |
| Rod material                                    |                              | PE                    | PA                    | PE                    | PA                    |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 14000<br>959          | 30000<br>2055         | 8000<br>548           | 10000<br>685          |
| Temperature range                               | °C<br>°F                     | -40 – 65<br>-40 – 150 | -40 – 93<br>-40 – 200 | -70 – 65<br>-94 – 150 | -46 – 65<br>-50 – 150 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 13.1<br>2.68          | 13.1<br>2.68          | 8.4<br>1.71           | 9.1<br>1.86           |
| Standard belt color                             |                              | Blue/Natural          |                       |                       |                       |

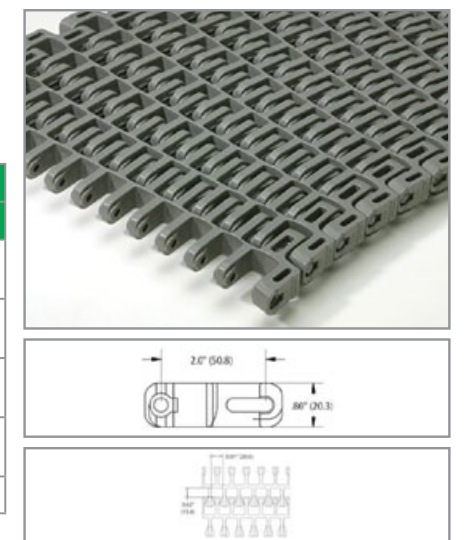
The nominal tensile strength is valid for 23 °C (73 °F).



IS620-R (Radius Flush Grid) 2"

| Belt data  |                              | POM                   |
|--|------------------------------|-----------------------|
| Belt material  |                              | POM                   |
| Rod material   |                              | PA                    |
| Nominal tensile strength<br>$F'_N$ straight run            | N/m<br>lb/ft                 | 24818<br>1700         |
| Nominal tensile strength<br>$F'_N$ in curve <sup>(1)</sup> | N<br>lbf                     | 3114<br>700           |
| Temperature range  | °C<br>°F                     | -40 – 93<br>-40 – 200 |
| Belt weight $m_B$  | kg/m <sup>2</sup><br>lb/sqft | 12.5<br>2.56          |
| Standard belt color  |                              | Blue/Off-White        |

The nominal tensile strength is valid for 23 °C (73 °F).

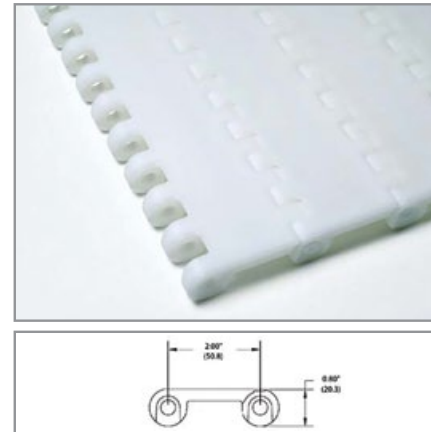


HDU620 FT (Flat Top) 2"

Belt data

| Belt material                                   |                              | PP                  | PE                    | POM                   |
|---|------------------------------|---------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PP                  | PE                    | PE                    |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 26268<br>1800       | 20430<br>1400         | 30646<br>2100         |
| Temperature range                               | °C<br>°F                     | 5 – 105<br>40 – 220 | -70 – 65<br>-94 – 150 | -40 – 65<br>-40 – 150 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 7.8<br>1.59         | 8.0<br>1.64           | 11.5<br>2.35          |
| Standard belt color                             |                              | Gray                | White                 | White                 |

Additional abrasive resistant Nylon (Polyamide) rods available.  
**The nominal tensile strength** is valid for 23 °C (73 °F).

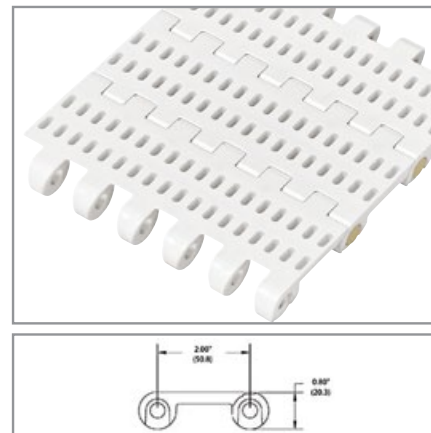


HDU620 VT (Vented Top) 2"

Belt data

| Belt material                                   |                              | PP                  | PE                    | POM                   |
|---|------------------------------|---------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PP                  | PE                    | PE                    |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 26268<br>1800       | 20430<br>1400         | 30646<br>2100         |
| Temperature range                               | °C<br>°F                     | 5 – 105<br>40 – 220 | -70 – 65<br>-94 – 150 | -40 – 65<br>-40 – 150 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 7.8<br>1.59         | 8.0<br>1.64           | 11.5<br>2.35          |
| Standard belt color                             |                              | Gray                | White                 | White                 |

Additional abrasive resistant Nylon (Polyamide) rods available.  
**The nominal tensile strength** is valid for 23 °C (73 °F).

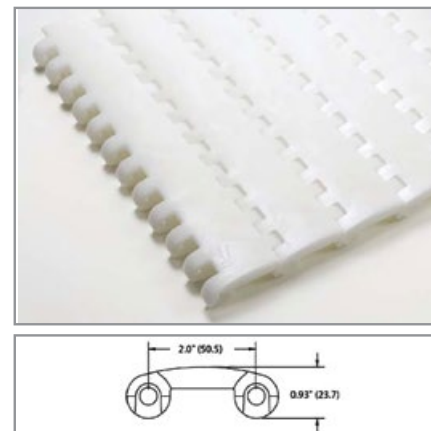


HDU620 CT (Curved Top) 2"

Belt data

| Belt material                                   |                              | PP                  | PE                    | POM                   |
|---|------------------------------|---------------------|-----------------------|-----------------------|
| Rod material                                    |                              | PP                  | PE                    | PE                    |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 26268<br>1800       | 20430<br>1400         | 30646<br>2100         |
| Temperature range                               | °C<br>°F                     | 5 – 105<br>40 – 220 | -70 – 65<br>-94 – 150 | -40 – 65<br>-40 – 150 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 7.8<br>1.59         | 8.0<br>1.64           | 11.5<br>2.35          |
| Standard belt color                             |                              | Gray                | White                 | White                 |

Additional abrasive resistant Nylon (Polyamide) rods available.  
**The nominal tensile strength** is valid for 23 °C (73 °F).

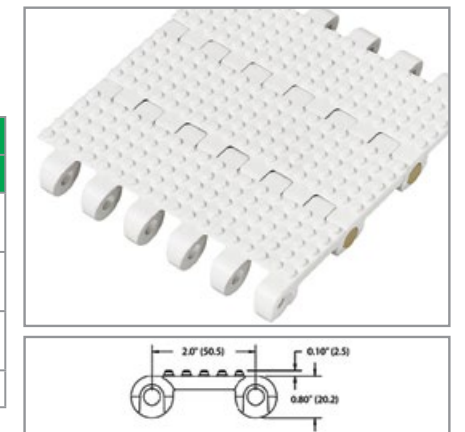


HDU620 EZR (Easy Release) 2"

Belt data

| Belt material                                   |                              | PE                    |
|---|------------------------------|-----------------------|
| Rod material                                    |                              | PE                    |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 20430<br>1400         |
| Temperature range                               | °C<br>°F                     | -70 – 65<br>-94 – 150 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 8.0<br>1.64           |
| Standard belt color                             |                              | White                 |

Additional abrasive resistant Nylon (Polyamide) rods available.  
**The nominal tensile strength** is valid for 23 °C (73 °F).

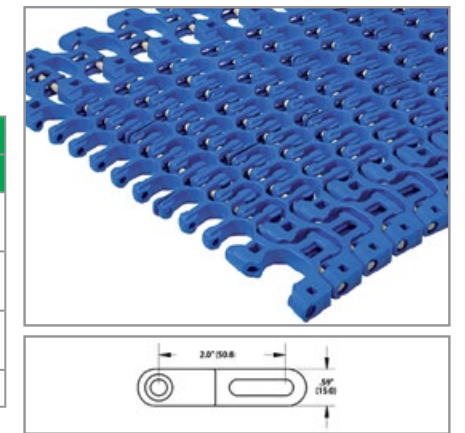


PR620 (Spiral Pro) 2"

Belt data

| Belt material                                   |                              | POM                   |
|---|------------------------------|-----------------------|
| Rod material                                    |                              | Nylon (PA)            |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 2669<br>600           |
| Temperature range                               | °C<br>°F                     | -40 – 93<br>-40 – 200 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 7.4<br>1.51           |
| Standard belt color                             |                              | Blue                  |

Stainless steel rods available.  
**The nominal tensile strength** is valid for 23 °C (73 °F).

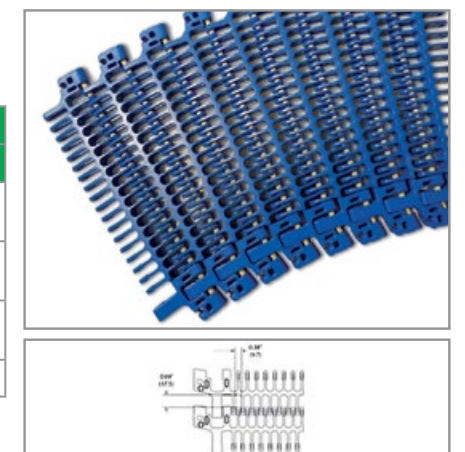


PR620 SPS (Spiral Pro – Small Product Surface) 2"

Belt data

| Belt material                                   |                              | POM                   |
|---|------------------------------|-----------------------|
| Rod material                                    |                              | Nylon (PA)            |
| Nominal tensile strength<br>$F'_N$ straight run | N/m<br>lb/ft                 | 2669<br>600           |
| Temperature range                               | °C<br>°F                     | -40 – 93<br>-40 – 200 |
| Belt weight $m_B$                               | kg/m <sup>2</sup><br>lb/sqft | 7.4<br>1.51           |
| Standard belt color                             |                              | Blue                  |

Stainless steel rods available.  
**The nominal tensile strength** is valid for 23 °C (73 °F).

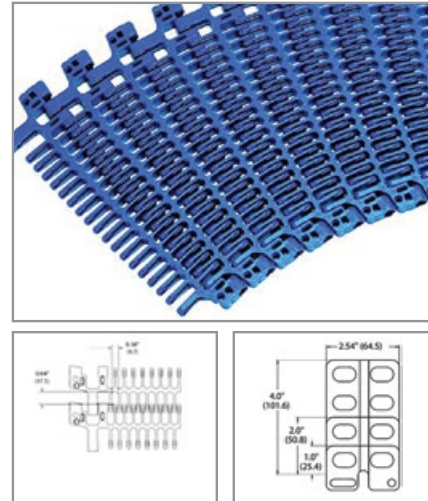


PR620 SPS CT (Spiral Pro - Small Product Surface Curved Top) 2"

Belt data

|  |                              |                       |
|--|------------------------------|-----------------------|
| Belt material                            |                              | POM                   |
| Rod material                             |                              | Nylon (PA)            |
| Nominal tensile strength $F_N$ in curve' | N<br>lbf                     | 2669<br>600           |
| Temperature range                        | °C<br>°F                     | -40 – 105<br>40 – 200 |
| Belt weight $m_8$                        | kg/m <sup>2</sup><br>lb/sqft | 8.3<br>1.70           |
| Standard belt color                      |                              | Blue                  |

Stainless steel rods available.  
The nominal tensile strength is valid for 23 °C (73 °F).

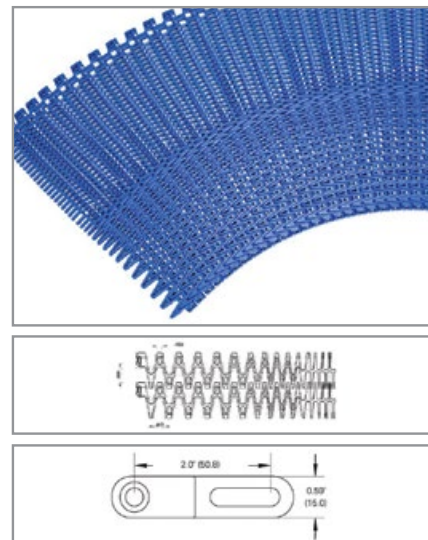


PR620 TTR (Spiral Pro - Tight Turn Radius) 2"

Belt data

|  |                              |                      |
|--|------------------------------|----------------------|
| Belt material                            |                              | POM                  |
| Rod material                             |                              | POM                  |
| Nominal tensile strength $F_N$ in curve' | N<br>lbf                     | 2535<br>570          |
| Temperature range                        | °C<br>°F                     | -40 – 93<br>40 – 200 |
| Belt weight $m_8$                        | kg/m <sup>2</sup><br>lb/sqft | 7.3<br>1.50          |
| Standard belt color                      |                              | Blue                 |

Stainless steel rods available.  
The nominal tensile strength is valid for 23 °C (73 °F).

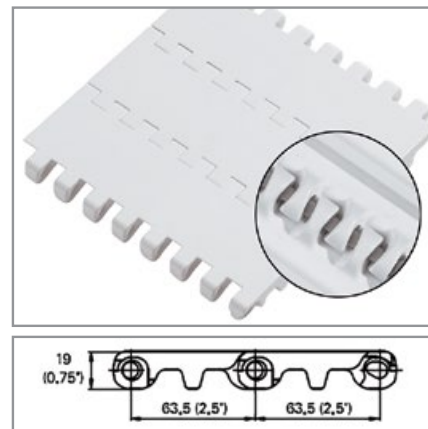


M6360 Flat Top 2.5"

Belt data

|   |                              |                       |                       |
|---|------------------------------|-----------------------|-----------------------|
| Belt material                               |                              | PE                    | POM                   |
| Rod material                                |                              | PE                    |                       |
| Nominal tensile strength $F_N$ straight run | N/m<br>lb/ft                 | 14000<br>959          | 19000<br>1301         |
| Temperature range                           | °C<br>°F                     | -70 – 65<br>-94 – 150 | -40 – 65<br>-40 – 150 |
| Belt weight $m_8$                           | kg/m <sup>2</sup><br>lb/sqft | 11.4<br>2.34          | 16.5<br>3.38          |
| Standard belt color                         |                              | Natural               |                       |

The nominal tensile strength is valid for 23 °C (73 °F).



Habasit® Cleandrive is a thermoplastic, layer-less belt with high-stability aramid cords inside plus a special polyurethane formula for consistently reliable results and a superior hygienic design. Aramid reinforcement provides longer life and less downtime by preventing the gradual elongation commonly seen in unreinforced monolithic belts which stretch perpetually to failure. With exceptional microbial and hydrolysis resistance, Habasit Cleandrive's superior hygienic design provides superior cleanability. USDA certified for meat, poultry and dairy processing.

Habasit Cleandrive  
Safe and hygienic food processing

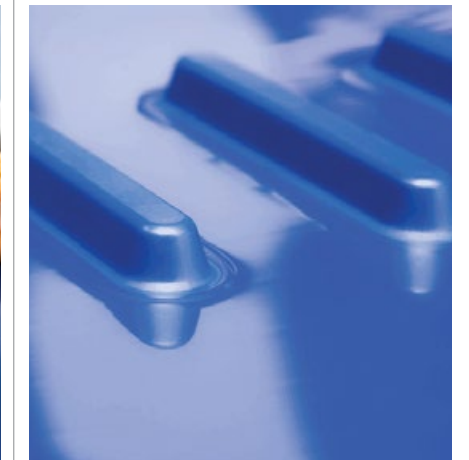
Positive Drive



Friction Drive



Lug Drive



Habasit Cleandrive Stocking

| Product Group and Belt Type | Conveying side, surface | Conveying side, color | Back side, surface | Color       | Pitch Thickness [in.] | Stocking Widths |    |    |    |    |    |    |    | Manufacturing width [in.] | Belt Type |                   |
|-----------------------------|-------------------------|-----------------------|--------------------|-------------|-----------------------|-----------------|----|----|----|----|----|----|----|---------------------------|-----------|-------------------|
|                             |                         |                       |                    |             |                       | 15              | 18 | 24 | 30 | 36 | 42 | 48 | 72 |                           |           |                   |
| <b>Positive Drive</b>       |                         |                       |                    |             |                       |                 |    |    |    |    |    |    |    |                           |           |                   |
| CD.M50.S-UA.CB              | Smooth                  | Cobalt Blue           | Glossy             | Cobalt Blue | 0.118                 | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M50.S-UA.CB    |
| CD.M50.S-UA.CB              | Smooth                  | White                 | Glossy             | White       | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M50.S-UA.CB    |
| CD.M25.S-UA.CBL             | Smooth                  | Cobalt Blue           | Glossy             | Cobalt Blue | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M25.S-UA.CBL   |
| CD.M25.S-UA.WBL             | Smooth                  | White                 | Glossy             | White       | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M25.S-UA.WBL   |
| CD.M50.S-UA.CBD             | Smooth                  | Cobalt Blue           | Glossy             | Cobalt Blue | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 47        | CD.M50.S-UA.CBD   |
| <b>Friction Drive</b>       |                         |                       |                    |             |                       |                 |    |    |    |    |    |    |    |                           |           |                   |
| CD.M00.B-UA.CB.30           | Smooth                  | Cobalt Blue           | Glossy             | Cobalt Blue | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M00.B-UA.CB.30 |
| CD.M00.B-UA.WB.30           | Smooth                  | White                 | Glossy             | White       | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M00.B-UA.WB.30 |
| CD.M00.B-UA.CB.30           | Smooth                  | Cobalt Blue           | Glossy             | Cobalt Blue | 0.08                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M00.B-UA.CB.30 |
| CD.M00.B-UA.WB.20           | Smooth                  | White                 | Glossy             | White       | 0.08                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 71.26     | CD.M00.B-UA.WB.20 |
| CDT-139_18                  | Orange Peel             | Cobalt Blue           | Glossy             | Cobalt Blue | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 48        | CDT-139_18        |
| CDT-062                     | Smooth                  | Cobalt Blue           | Glossy             | Cobalt Blue | 0.12                  | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 48        | CDT-062           |
| <b>Lug Drive</b>            |                         |                       |                    |             |                       |                 |    |    |    |    |    |    |    |                           |           |                   |
| CD.M40.L-UA.CB              | Smooth                  | Cobalt Blue           | Glossy             | Cobalt Blue |                       | ■               | ■  | ■  | ■  | ■  | ■  | ■  | ■  | ■                         | 72        | CD.M40.L-UA.CB    |

■ Stocked □ Non Stocked

## Customers first

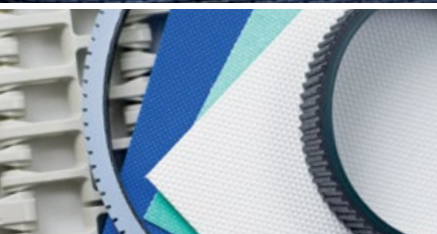
Your success is our goal. That is why we don't just offer products; we provide solutions. As committed partners to our customers, we are dedicated to sharing our knowledge and providing full support.

Since our founding in 1946, Habasit has been finding ways to meet customer-specific needs in every application. This is what differentiates us as the #1 worldwide belting provider in the industry today.



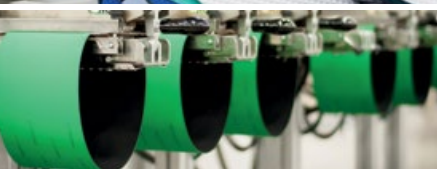
## Comprehensive consulting and technical support

Profit from the best consulting and technical support in the lightweight belting industry. Local experts are always available to assist you with your belting needs. The Habasit team is proud to provide the highest level of support, together with top-quality products that have led the global market for decades.



## Belt selection and calculation assistance

We are always glad to help you select the most suitable belt for any application for your convenience. We now also provide the free online tool 'SeleCalc' which allows you to easily make selections and calculations yourself. Simply register online at [selecalc.habasit.com](http://selecalc.habasit.com).



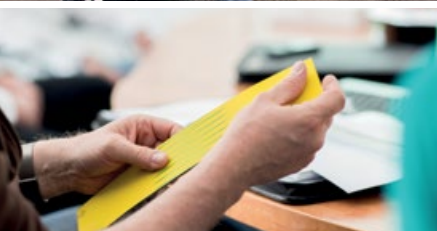
## Fabrication, assembly and local installation services

As a full-service belting provider, we offer joining and assembly services either at our own locations or directly on your equipment.



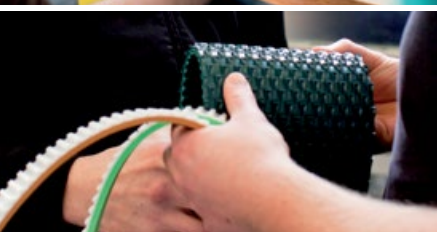
Habasit has over 30 affiliates worldwide, each with its own inventory, fabrication, assembly and service facilities.

Together with representative offices and numerous qualified distributors, we can react quickly and efficiently to meet all your needs.



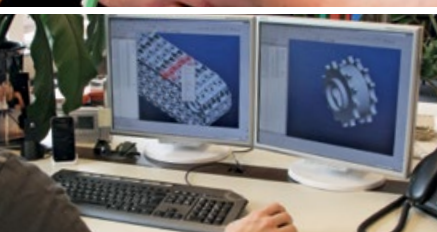
## Customer training programs

To ensure the optimal performance and maximum lifespan of all our products, we offer training programs and various support tools. This includes proper procedures for fabrication, installation, assembly, maintenance and belt repair, all of which take place at a Habasit site or at your location.



## Belt monitoring, inspections, analyses and process optimization proposals

We organize and handle belt maintenance, inspections, analyses and surveys at customers' sites. Upon request, we are ready to develop optimization proposals to ensure you're getting maximum value from your machinery and process output.



## Design assistance for customized solutions

Habasit believes in building partnerships with our customers. Our engineering team will work closely with your engineers on joint design developments from initial design to final implementation. This expert service can be invaluable for projects involving new technologies or large-scale modifications and adaptations.



## Committed to innovation

Because our customers' belting challenges and needs are always changing, we consistently invest a substantial amount of labor and resources into the research and development of new products and solutions.

## Certified for quality

We deliver the highest quality standards not only in our products and solutions, but also in our employees' daily work processes. Habasit AG is certified according to ISO 9001:2015.



## Worldwide leading product range

Habasit offers the largest selection of belting, conveying, processing and complementary products in the industry. Our response to any request is nothing less than a specific, tailor-made solution.

|   |  |   |   |
|---|--|---|---|
|  <p><b>HabaFLOW®</b><br/>Fabric-based conveyor and processing belts</p> |  <p><b>HabasitLINK®</b><br/>Plastic modular belts</p>            |  <p><b>Habasit® Cleandrive</b><br/>Monolithic reinforced conveyor belts</p> |  <p><b>HabaDRIVE®</b><br/>Power transmission belts</p>                    |
|  <p><b>HabaSYNC®</b><br/>Timing belts</p>                              |  <p><b>HabaCHAIN®</b><br/>Chains (slat and conveyor chains)</p> |  <p>Machine tapes</p>  |  <p>Round belts</p>  |
|  <p>Seamless belts</p>   |  <p><b>HabiPLAST™</b><br/>Profiles, Guides, Wear strips</p>     |  <p>Accessories<br/>(sprockets, flights, welding profiles, etc.)</p>       |  <p>Fabrication tools<br/>(joining, cutting &amp; preparing devices)</p> |

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