

Fabric Processing Belt

FNB-12E



More Than Just a Food Belt

Habasit's FNB-12E, originally developed for food processing, has found many uses in other industries as well. This TPU-coated, fabric belt has been primarily used for conveying and processing baked snacks, bread, confections, convenience food, pastry, pasta, and pizza. However, it's also hard at work in other industrial operations including:

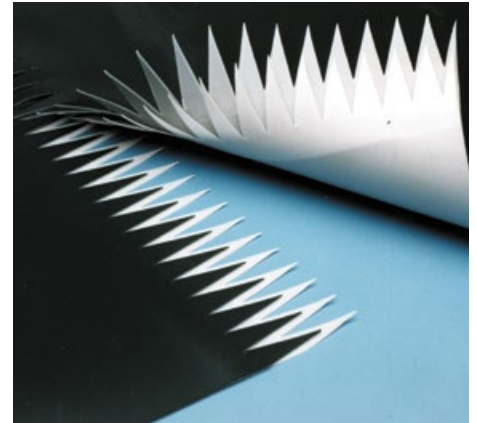
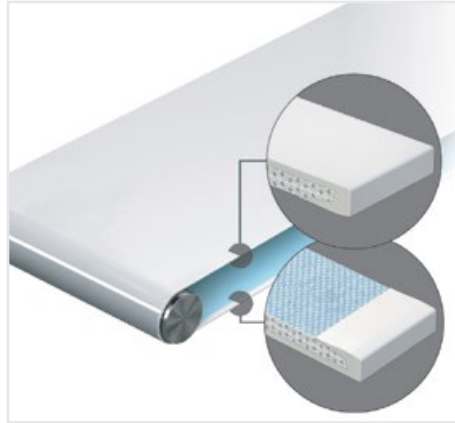
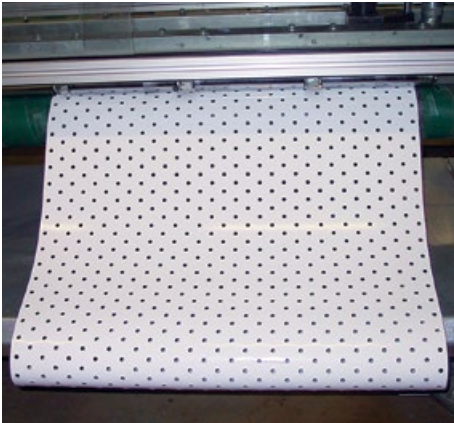
- Wood finishing
- Laminating
- Packaging
- Die cutting
- Metal stamping
- Transfers of mfrd. products

This tough belt resists cuts, abrasion, oils, and a broad range of chemicals. It's dense, void-free, TPU coatings, and nonadhesive surface supports thorough cleaning. FNB-12E operates reliably within temperatures ranging from 5 - 176° F (-15 – 80° C). Available in seamless widths up to 157.48" (4000mm) to meet the need of wide operations without longitudinal seaming.

Key Benefits:

- Non-adhesive, low friction surface with good release properties
- High strength, low stretch for heavy loads, short take-up
- Anti-static
- FDA approved
- Laterally rigid, longitudinally flexible for short transfers
- Resists cuts, impacts, abrasions, and oils

FNB-12E Technical Details



Key Features

Conveying Side Material & Properties	Thermoplastic polyurethane (TPU), Matt, Non-adhesive
Pulley Side Material & Properties	Polyester (PET), Impregnated fabric, Non-adhesive
Traction Layer Material	Polyester (PET)
Conveying Side Color	White
Pulley Side Color	Light gray
Number of Fabrics	2
Anti-statically equipped	Yes
Adhesive-free joining method	Yes
Slider bed suitable	Yes
Carrying rollers suitable	Yes

Technical Data

Thickness of belt	2.4 mm	0.09 inch
Tensile force 1% elongation after relaxation (k 1% relaxed) per unit of width (Habasit Standard SOP#-155 / EN ISO 21181)	12 N/mm	69 lbf/in
Min. operating temperature admissable (continuous)	-15° C	5° F
Max. operating temperature admissable (continuous)	80° C	176° F
Pulley diameter (minimum)	50 mm	1.97 inch
Pulley diameter minimum with counter flection	60 mm	2.36 inch
Seamless manufacturing width	4000 mm	157.48 inch

See www.habasitamerica.com for full product data sheet.

Contact your local Habasit representative to discuss availability and additional capabilities needed to meet customer requirements.

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