

T11/U Matt

TPU food belt with matt finish



Habasit's well-known T11/U food belt features a hygienic, matt finish, TPU conveying surface with an exceptionally flexible single ply construction. Along with the low friction back side, this construction is effectively employed on nosebar transfers and slider-bed conveyors supporting low energy consumption. It is also applicable for rollerbed conveyors.

T11/U provides for dependable performance and long service life; enhancing operation and controlling operation related costs on conveyors and processing machines such as:

- cooling lines
- scrap returns
- incline/decline conveyors
- narrow belt transfers
- high-speed & accel./decel. operations
- metal detectors
- primary food packaging

for applications including baked snack foods, cookies, crackers, chocolate, convenience foods, pastry, pizza, and more.

Features

- Excellent flexibility
- Easy product release
- Abrasion and cut resistance
- Resistance to many oils, fats, and chemicals
- Effective operating temp. range of 14-176°F.
- Adhesive-free joining
- Standard, maximum width of 78.74" (2000mm)

Benefits

- Small transfers for smooth, stable product handling
- Good product adhesion and easy release
- Reliable, consistent performance
- Sure cleaning
- Less downtime
- Low power draw

Technical Data			
Thickness of belt	0.80 mm	0.03	inch
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit standard SOP3-155 / EN ISO 21181)	3.4 N/mm	19	lbf/in
Minimum operating temperature admissible (continuous)	-10 °C	14	°F
Maximum operating temperature admissible (continuous)	80 °C	176	°F

Joining Method	Flexproof 10 x 80		
Nosebar radius (minimum)	4 mm	0.157	inch
Pulley diameter (minimum) with & without counterflexion	15 mm	0.59	inch
Admissable tensile force per unit of width	8.0 N/mm	46	lbf/in

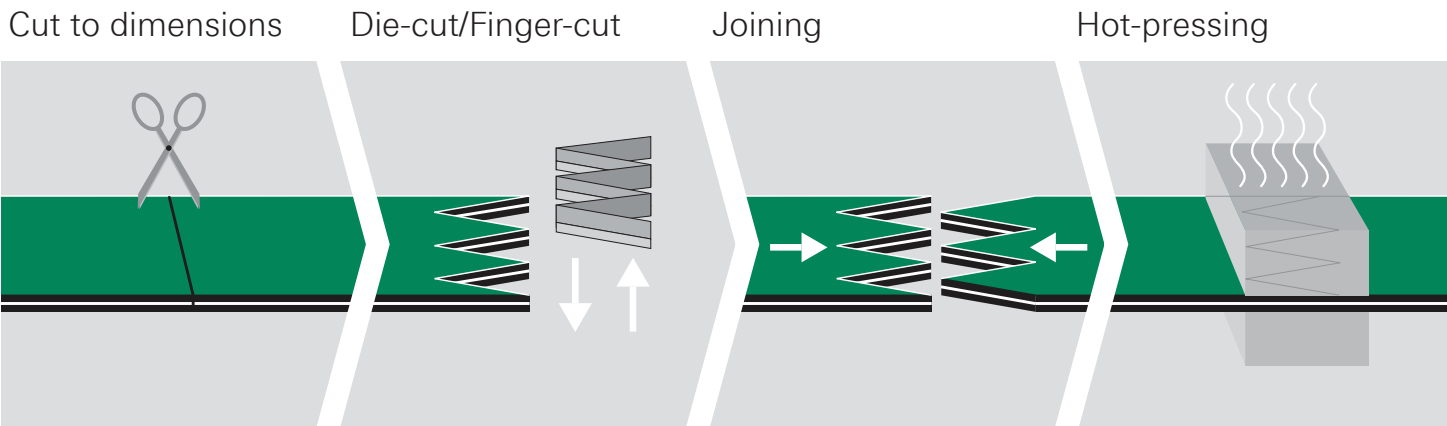
For the full product data sheet, please visit portal.habasit.com

Adhesive-free Flexproof Joining

Flexproof is a fusion point joint. The belt ends are cut in a finger pattern. They are then matched together in a hot pressing device and fused together, melting specific thermoplastic portions of the belt together.

Features

- Fully flexible
- Superior fatigue strength
- Virtually undetectable splice
- High precision
- No adhesives required
- Shorter joining time vs. Thermofix



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

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