

Introducing the FMB-5 Series

TPU Food Belts



In keeping with Habasit's focus on creating sustainable, high-performance, and value belting solutions, we're pleased to introduce these new and improved TPU food belts.

The improved design and materials of the FMB-5EMCT-W2 and FMB-5EMWT-W2 features greater longitudinal flexibility, excellent layer adhesion, expanded operating temperature range, longer service life, and a lower environmental impact. They present excellent resistance to oils and fats, a wide range of cleaning and sanitizing chemicals, and are easy to clean.

These new belts are particularly well suited for processing and primary food packaging applications in bakery and confectionery operations; such as cooling lines, transfer belts, inspection tables, and more. They are also valuable solutions for applications in frozen foods, pasta, pastry, pizza, and ready-to-eat meals.

Key Features

- Increased flexibility
- Greater operating temperature - up to 212°F (100°C)
- Excellent resistance to tearing and delamination
- TPU matt finish surface
- Easily cleaned and hygienic surface
- Excellent price/performance ratio
- More sustainable design

Benefits

- Longer service life
- Wider range of applications
- Good product release
- Food safety
- Low total cost of ownership
- Reduced environmental impact

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New Belts at a Glance

New Type	Replacement for	Color	Conveying side surface	Antistatic
FMB-5EMWT-W2	F-5EXWT 05	White	TPU Matt	Yes
FMB-5EMCT-W2	F-5EXCT	Blue	TPU Matt	Yes

Technical Specification Comparison

New Type	Thickness (mm)		Maximum operating temperature (°C)		k1% (N/mm)		Min. pulley diameter with counter flexion (mm)	
	Previous	New	Previous	New	Previous	New	Previous	New
FMB-5EMWT-W2	1.2	1.25	80	100	6	5	20	20
FMB-5EMCT-W2	1.4	1.25	80	100	6.5	6	20	20

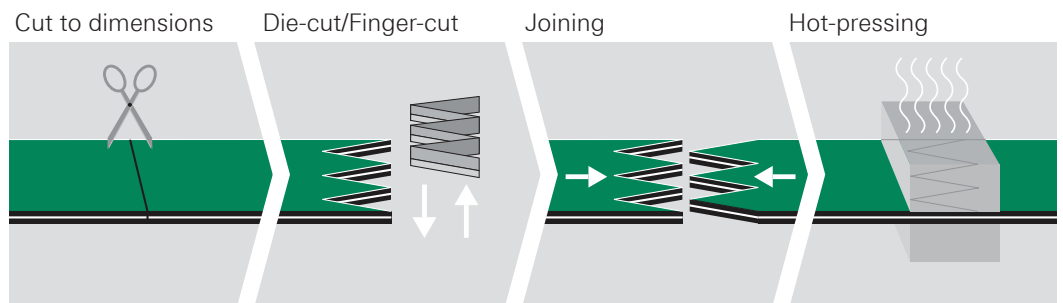
For the full product data sheet, please visit portal.habasit.com

Adhesive-free Flexproof Joining

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

Features

- Fully Flexible
- Superior fatigue strength
- Virtually undetectable splice
- High precision
- No adhesives required



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

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