

## TPU Fabric Food Belts

### FAB-5E | FAB-8E | FNB-5E | FNB-8E

Industry Segments: Food, General Purpose Conveying



These TPU (thermoplastic polyurethane) food belts support the following industries: biscuits, crackers, bread, chocolate, convenience food, frozen food, pasta, pastry, pizza, primary food packaging, ready-to-eat meals. These belts can also be used on many non-food applications.

### Advantages

- Antistatic
- Abrasion resistant
- Very good chemical resistance
- Oil and fat resistance
- Excellent release properties
- Reduced pore surface
- FDA approved
- Suitable for a wide range of temperatures
- Excellent longitudinal flexibility and great lateral stability for use with slider beds, carrying rollers, and nosebars
- Adhesive-free joining method

# Technical Data

## Explanations

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

PET = polyester

TPU = polyurethane, thermoplastic

RMP = rubber modified product

## Cover Frictions

A = Adhesive

M = Medium Adhesive

N = Non-Adhesive

Product Group	Belt Type	PLY/fabrics	For slider bed	For carrying roller	Permanently antistatic	Metal detector suitable	Toughing suitable	Powerturn suitable	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color
<b>Food Belts</b>	FAB-2E+H15	1	•	-	•	•	-	-	PET	A	TPU	smooth	white	TPU	impreg.	lt. blue
	FAB-5E+H15	2	•	•	•	•	-	-	PET	A	TPU	smooth	white	TPU	impreg.	lt. blue
	FAB-8E+H15	2	•	•	•	•	-	-	PET	A	TPU	smooth	white	TPU	impreg.	lt. blue
	TT162W+H15	2	-	•	-	•	◊	-	PET	N	TPU	matt	white	TPU	waffle	white
	TT162BL+H15	2	-	•	-	•	◊	-	PET	N	TPU	matt	blue	TPU	waffle	blue
<b>HabaGUARD®</b>	FNB-5E+H15	2	•	•	•	•	-	-	PET	N	TPU	smooth	white	TPU	impreg.	lt. blue
	FNB-6EVWQ+H15	2	•	•	•	•	-	-	PET	N	TPU	smooth	white	TPU	quad.	white
	FNB-8E+H15	2	•	•	•	•	-	-	PET	N	TPU	smooth	white	TPU	impreg.	lt. blue
	FNB-12EVCQ+H15	2	•	•	-	•	◊	-	PET	N	TPU	smooth	co. blue	TPU	quad.	co. blue
	PM135RCOS-BEH15	-	•	•	-	•	◊	•	PET	N	RMP	smooth	co. blue	TPU	buffed	blue
	PM135RCOS-WH15	-	•	•	-	•	◊	•	PET	M	RMP	smooth	white	PET	buffed	white
<b>General Food Belts</b>	FAB-2E	1	•	-	•	-	-	-	PET	A	TPU	smooth	white	PET	impreg.	lt. gray
	FAB-5E	2	•	•	-	•	-	-	PET	A	TPU	glossy	white	PET	impreg.	lt. gray
	FAB-8E	2	•	•	-	•	-	-	PET	A	TPU	glossy	white	PET	impreg.	lt. gray
<b>w/o HabaGUARD</b>	FNB-5E	2	•	•	-	•	-	-	PET	N	TPU	matt	white	PET	impreg.	lt. gray
	FNB-8E	2	•	•	-	•	-	-	PET	N	TPU	matt	white	PET	impreg.	lt. gray

FOOD BELTS	FAB-5E		FAB-8E		FNB-5E		FNB-8E	
Special Features			Abrasion resistant		Chemical resistant, easy release, longitudinal flexibility		Abrasion resistant, Chemical resistant	
Applications	Decline belt, delivery belt, food processing/conveying belt, incline belt, rotary cutter belt, transfer belt, weighing belt		Food processing/conveying belt, packaging belt, transfer belt		Accumulation belt, diverting belt, food processing/conveying belt, packaging belt, transfer belt, weighing belt		Food processing/conveying belt, packaging belt, transfer belt	
Technical Data								
Thickness of belt	1.30 mm	0.05 inch	1.6 mm	0.06 inch	1.30 mm	0.05 inch	1.6 mm	0.06 inch
Mass of belt (belt weight)	1.4 kg/m <sup>2</sup>	0.287 lb/sqft	1.8 kg/m <sup>2</sup>	0.369 lb/sqft	1.5 kg/m <sup>2</sup>	0.307 lb/sqft	1.8 kg/m <sup>2</sup>	0.369 lb/sqft
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	4.6 N/mm	26 lbf/in	5.5 N/mm	31 lbf/in	4.6 N/mm	26 lbf/in	5.0 N/mm	29 lbf/in

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

HabaGUARD®: 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.

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

Information provided herein does not constitute legal representations or warranties and may change without notice. Please refer to the specifications/disclaimers provided in the respective product data sheets.

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