

# Food Belts TT247



## Main industry segments

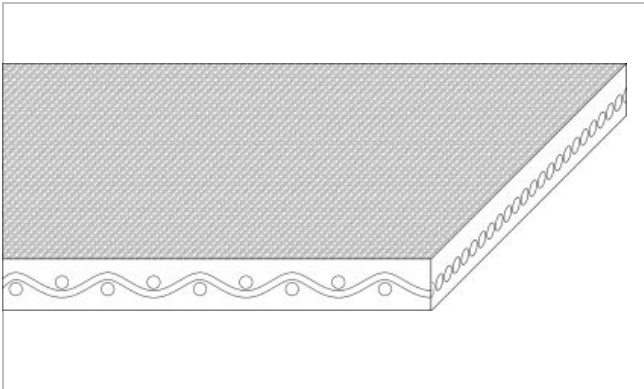
Candy, Convenience food, Dairy (incl. cheese), Frozen food, Primary food packaging, Primary packaging

## Applications

Food processing/conveying belt, Processing belt

## Special features

Abrasion resistant on both sides, Oil resistant, Reverse side coated



Product Construction / Design	
Conveying side material	Thermoplastic polyurethane (TPU)
Conveying side surface	Fine textile structure
Conveying side property	Medium-adhesive
Conveying side color	White
Traction layer (material)	Polyester (PET)
Number of Fabrics	1
Pulley side material	Thermoplastic polyurethane (TPU)
Pulley side surface	Fine textile structure
Pulley side property	Medium-adhesive
Pulley side color	White

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	Yes
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, EU conformance	Yes - Check Document of Compliance (DoC) in our Portal

Technical data			
Thickness of belt	3.0	mm	0.12 inch
Mass of belt (belt weight)	3.6	kg/m <sup>2</sup>	0.737 lb/sqft
Tensile force for 1% elongation after relaxation (k1 % relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	4.0	N/mm	23 lbf/in
Min. operating temperature admissible (continuous)	-30	°C	-22 °F
Max. operating temperature admissible (continuous)	60	°C	140 °F
Coefficient of friction (pulley side / steel driving pulley)	0.35	-	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.40	-	
Seamless manufacturing width	1500	mm	59.06 inch

## Joining related properties

Joining method	
Flexproof 10 x 80	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Flexproof 10 x 80
Pulley diameter (minimum)	mm inch	30 1.18
Pulley diameter minimum with counter flection	mm inch	30 1.18
Slider bed suitable		No
Carrying rollers suitable		Yes
Troughed installation suitable		No
Powerturns / curved installations		No
Knife-edge (nosebar) suitable		No
Metal detector suitable		Yes

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.



## Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

## Mode of use or conveyance

Declined, Horizontal, Inclined

## Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

## Recommendation

Do not go below initial elongation (epsilon) ~ 0.3%

Protect spare belts from sunlight/UV-radiation/dust/dirt!

Group	TPU Belts
Sub-Group	General Purpose Belts
Item number	H700001495

## Disclaimer

### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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