

Product Designation

Product Group:	TPU food conveyor and processing belts
Product Sub-Group:	Food conveyor belts
Main Industry Segments:	Bakery (biscuit/cookie); Chocolate/confectionery; Sweets/snacks/candies/bars/chewing gum
Belt Applications:	Weighing belt
Special Features:	Abrasion resistant; Edges homogeneous; Edges wear resistant; Elastic; Flexibility in all directions; Monolithic Belt; Non fraying; Oils and fats resistant; Small pulley diameter suitable
Mode of Use/Conveyance:	Horizontal

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Thermoplastic polyurethane (TPU)
1 Conveying Side (Surface):	Rough textile structure
1 Conveying Side (Property):	Non-adhesive
1 Conveying Side (Color):	Blue
2 Traction Layer (Material):	Thermoplastic polyurethane (TPU)
Number of Fabrics:	0
3 Running Side/Pulley Side (Material):	Thermoplastic polyurethane (TPU)
3 Running Side/Pulley Side (Surface):	Rough textile structure
3 Running Side/Pulley Side (Color):	Blue

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	No
Nosebar suitable:	No
Antistatically equipped:	No
Metal detector suitable:	Yes
Flammability:	No specific flammability prevention property
Food suitability FDA:	Yes - acc. to 21CFR parts 170 - 199. Contact your Habasit representative for detailed information.
Food suitability USDA:	USDA AMS meat and poultry; compliance with standard NSF/ANSI/3-A 14159-1. Certification is valid only if belt edges are sealed and cleats/v-guides etc. meet the standard. Contact your Habasit representative for detailed information.
Food suitability EU:	Yes - acc. to Regulation (EC) No. 1935/2004 and Regulation (EU) No 10/2011 as amended. Contact your Habasit representative for detailed information.

Technical Data

Thickness:	1.2 mm	0.05 in.
Mass of belt (belt weight):	1.2 kg/m ²	0.25 lbs./sq.ft
Nosebar Radius (minimum):	mm	in.
Pulley diameter (minimum):	10 mm	0.4 in.
Pulley diameter minimum with counter flexion:	10 mm	0.4 in.
Tensile force for 8% elongation (k8% static) per unit of width (Habasit standard SOP3-063):	1.3 N/mm	7 lbs./in.
Admissible tensile force per unit of width:	1.5 N/mm	9 lbs./in.
Operating temperature admissible (continuous):	Min -30 °C Max 60 °C	Min -22 °F Max 140 °F
Coefficient of friction on slider bed of pickled steel sheet:	0.4 [-]	0.4 [-]
Seamless manufacturing width:	1400 mm	55 in.

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554), and are based on the Master Joining Method.

Additional Technical Information

Chemical Resistance Class:	6 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Elastic belt: Initial elongation depends on belt load and application.
Limitations:	This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 94/9) and therefore is subject to user's analysis in the respective environment.

Storage

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit. Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging.

Legend

	German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)
EEC	European Economic Community
EU	European Union (Directive 2002/72/EC)
FDA	Food and Drug Administration
NA	Not available
NAP	Not applicable
USDA	United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.)

Product Liability, Application Considerations

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