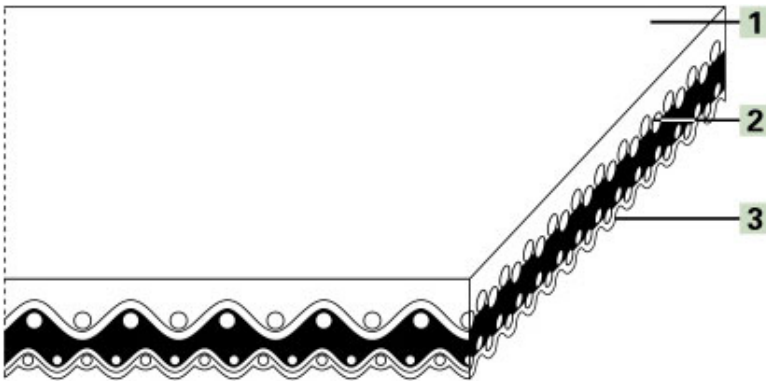


## Product Designation

<b>Product Group:</b>	TPU food conveyor and processing belts
<b>Product Sub-Group:</b>	Food conveyor belts
<b>Main Industry Segments:</b>	Bakery (bread); Chemical industry; Chocolate/confectionery; Food conveying/processing in general; Frozen food; Packaging
<b>Belt Applications:</b>	Delivery belt; Food processing/conveying belt; General conveying belt
<b>Special Features:</b>	Abrasion resistant; Dimensionally stable
<b>Mode of Use/Conveyance:</b>	Declined; Horizontal; Inclined

## Product Design (enlarged)



## Product Construction/Design

<b>1 Conveying Side (Material):</b>	Thermoplastic polyurethane (TPU)
<b>1 Conveying Side (Surface):</b>	Smooth
<b>1 Conveying Side (Property):</b>	Adhesive
<b>1 Conveying Side (Color):</b>	White
<b>2 Traction Layer (Material):</b>	Polyester (PET) fabric
<b>Number of Fabrics:</b>	2
<b>3 Running Side/Pulley Side (Material):</b>	Polyester (PET) fabric
<b>3 Running Side/Pulley Side (Surface):</b>	Impregnated fabric
<b>3 Running Side/Pulley Side (Color):</b>	Light gray

## Product Characteristics

<b>Slider bed suitable:</b>	Yes
<b>Carrying rollers suitable:</b>	Yes
<b>Troughed installation suitable:</b>	No
<b>Power turns, curved installations:</b>	No
<b>Nosebar suitable:</b>	No
<b>Low noise applications:</b>	No
<b>Antistatically equipped:</b>	Yes
<b>Metal detector suitable:</b>	No
<b>Flammability:</b>	Classified according to UL 94HB (USA); HB= Horizontal Burning
<b>Food suitability FDA:</b>	Yes - acc. to 21CFR parts 170 - 199. Contact your Habasit representative for detailed information.
<b>Food suitability USDA:</b>	USDA AMS meat and poultry; compliance with standard NSF/ANSI/3-A 14159-3. Certification is valid only if belt edges are sealed and cleats/v-guides etc. meet the standard. Contact your Habasit representative for detailed information.
<b>Food suitability EU:</b>	Yes - acc. to Regulation (EC) No. 1935/2004 and Regulation (EU) No 10/2011 as amended. Contact your Habasit representative for detailed information.
<b>Other conformance/approval:</b>	JFRL passed

## Technical Data

<b>Thickness:</b>	2.4 mm	0.09 in.
<b>Mass of belt (belt weight):</b>	2.7 kg/m <sup>2</sup>	0.55 lbs./sq.ft
<b>Nosebar Radius (minimum):</b>	-- mm	-- in.
<b>Pulley diameter (minimum):</b>	48 mm	1.9 in.
<b>Pulley diameter minimum with counter flexion:</b>	60 mm	2.4 in.
<b>Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-064):</b>	17 N/mm	97 lbs./in.
<b>Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):</b>	12 N/mm	69 lbs./in.
<b>Admissible tensile force per unit of width:</b>	27 N/mm	154 lbs./in.
<b>Operating temperature admissible (continuous):</b>	Min -30 °C Max 80 °C	Min -22 °F Max 176 °F
<b>Coefficient of friction on slider bed of pickled steel sheet:</b>	0.20 [-]	0.2 [-]
<b>Seamless manufacturing width:</b>	4000 mm	157 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

<b>Chemical Resistance Class:</b>	6 (These indications are not guarantees of properties)
<b>Installation and Handling Instructions:</b>	Do not go below initial elongation (epsilon) ~ 0.3%; Install the slack belt and tension until running perfectly under the full belt load.
<b>Limitations:</b>	If High Frequency (HF) system is used check belt heating; Not suitable for wet operations combined with increased temperatures and with extreme greasy and oily conditions.; 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

*	No calculation Value
2)	Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC
<b>BfR</b>	German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)
<b>EEC</b>	European Economic Community
	European Union (Directive 2002/72/EC)
<b>FDA</b>	Food and Drug Administration
<b>NA</b>	Not available
<b>NAP</b>	Not applicable
<b>USDA</b>	United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.)
<b>JFRL</b>	Japan Food Research Laboratory

## Disclaimer

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

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