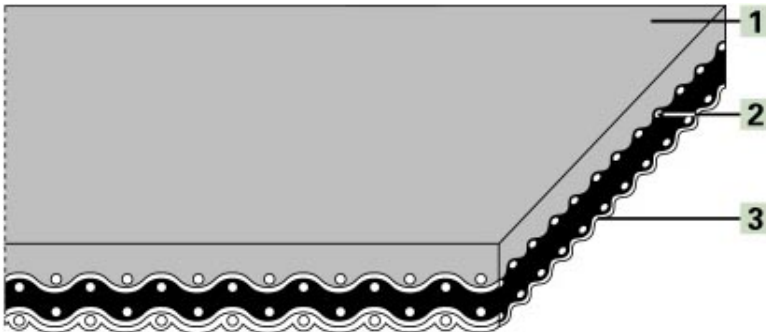


## Product Designation

Product Group:	High duty conveyor and processing belts
Product Sub-Group:	TPU conveyor and processing belts
Main Industry Segments:	Materials Handling; Mechanical/apparatus engineering; Metal working; Newspaper printing/handling
Belt Applications:	General conveying belt; Processing belt; Sorting belt
Special Features:	Cut resistant; Food suitable; Oil resistant
Mode of Use/Conveyance:	Accumulation; Horizontal

## Product Design (enlarged)



## Product Construction/Design

<b>1</b> Conveying Side (Material):	Thermoplastic polyurethane (TPU)
<b>1</b> Conveying Side (Surface):	Smooth
<b>1</b> Conveying Side (Property):	Non-adhesive
<b>1</b> Conveying Side (Color):	Green (Habasit green)
<b>2</b> Traction Layer (Material):	Polyester (PET)
Number of Fabrics:	2
<b>3</b> Running Side/Pulley Side (Material):	Polyester (PET) fabric
<b>3</b> Running Side/Pulley Side (Surface):	Impregnated fabric
<b>3</b> Running Side/Pulley Side (Color):	Gray

## Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	No
Nosebar suitable:	No
Low noise applications:	No
Antistatically equipped:	Yes
Metal detector suitable:	No
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:	No use intended
Food suitability EU:	Yes - acc. to Regulation (EC) No. 1935/2004 and Directive 2002/72/EC as amended. Contact your Habasit representative for detailed information.
Other conformance/approval:	JFRL passed

## Technical Data

<b>Thickness:</b>	1.6 mm	0.06 in.
<b>Mass of belt (belt weight):</b>	1.8 kg/m <sup>2</sup>	0.37 lbs./sq.ft
<b>Nosebar Radius (minimum):</b>	NA mm	NA in.
<b>Pulley diameter (minimum):</b>	20 mm	0.8 in.
<b>Pulley diameter minimum with counter flexion:</b>	25 mm	1 in.
<b>Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):</b>	7.5 N/mm	43 lbs./in.
<b>Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):</b>	5.5 N/mm	31 lbs./in.
<b>Admissible tensile force per unit of width:</b>	13 N/mm	74 lbs./in.
<b>Operating temperature admissible (continuous):</b>	Min -15 °C Max 80 °C	Min 5 °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>	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

<b>*</b>	No calculation Value
<b>2)</b>	Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC
<b>3)</b>	CLA: Coordination of the centre line-average value Ra (in the US also Arithmetical Average (AA)) to the maximum peak to valley height Rt for surfaces manufactured by chip removal.
<b>8)</b>	Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)
<b>EEC</b>	European Economic Community
<b>EU</b>	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

## Product Liability, Application Considerations

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