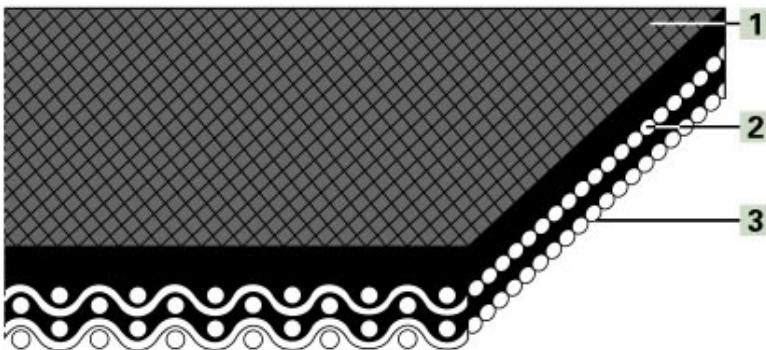


## Product Designation

<b>Product Group:</b>	High duty conveyor and processing belts
<b>Product Sub-Group:</b>	TPU conveyor and processing belts
<b>Main Industry Segments:</b>	Materials Handling
<b>Belt Applications:</b>	Induction belt; Power turn belt
<b>Special Features:</b>	Bi-directional suitable; Flexibility in all directions; Powerturn suitable
<b>Mode of Use/Conveyance:</b>	Curved; Horizontal; Inclined

## Product Design (enlarged)



## Product Construction/Design

<b>1 Conveying Side (Material):</b>	Thermoplastic polyurethane (TPU)
<b>1 Conveying Side (Surface):</b>	Waffle structure
<b>1 Conveying Side (Property):</b>	Super-adhesive
<b>1 Conveying Side (Color):</b>	Black
<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>	Fabric
<b>3 Running Side/Pulley Side (Color):</b>	Gray

## Product Characteristics

<b>Slider bed suitable:</b>	Yes
<b>Carrying rollers suitable:</b>	Yes
<b>Troughed installation suitable:</b>	Yes
<b>Power turns, curved installations:</b>	Yes
<b>Nosebar suitable:</b>	Yes
<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>	No use intended
<b>Food suitability USDA:</b>	No use intended
<b>Food suitability EU:</b>	No
<b>Other conformance/approval:</b>	JFRL passed

## Technical Data

<b>Thickness:</b>	1.6 mm	0.06 in.
<b>Mass of belt (belt weight):</b>	1.65 kg/m <sup>2</sup>	0.34 lbs./sq.ft
<b>Nosebar Radius (minimum):</b>	4 mm	0.16 in.
<b>Pulley diameter (minimum):</b>	15 mm	0.6 in.
<b>Pulley diameter minimum with counter flexion:</b>	24 mm	0.9 in.
<b>Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):</b>	5.5 N/mm	31 lbs./in.
<b>Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):</b>	3.8 N/mm	22 lbs./in.
<b>Admissible tensile force per unit of width:</b>	8 N/mm	46 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>	2400 mm	94 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

## Disclaimer

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