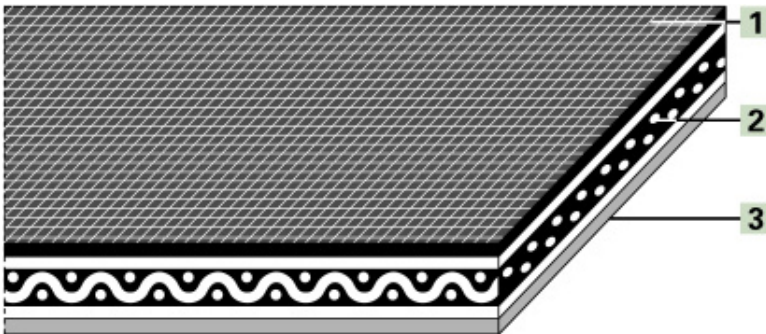


## Product Designation

<b>Product Group:</b>	Polyester power transmission belts
<b>Product Sub-Group:</b>	TC tangential/flat belts
<b>Main Industry Segments:</b>	Paper manufacturing and processing; Yarn processing
<b>Belt Applications:</b>	Driving belt; Tangential belt
<b>Special Features:</b>	Dimensionally stable; Energy saving; High modulus of elasticity; Simple and fast joining method
<b>Mode of Use/Conveyance:</b>	Power transmission

## Product Design (enlarged)



## Product Construction/Design

<b>1 Friction cover/Pulley side (Material):</b>	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)
<b>1 Friction cover/Pulley side (Surface structure):</b>	Fine textile structure
<b>1 Friction cover/Pulley side (Color):</b>	Black
<b>2 Traction Layer (Material):</b>	Polyester (PET) fabric
<b>3 Reverse cover (Material):</b>	Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)
<b>3 Reverse cover (Surface structure):</b>	Fine textile structure
<b>3 Reverse cover (Color):</b>	Light green

## Product Characteristics

<b>Drive determination:</b>	Double-sided power transmission
<b>Antistatically equipped:</b>	Yes

## Technical Data

<b>Thickness:</b>	1.8 mm	0.07 in.
<b>Mass of belt (belt weight):</b>	2.0 kg/m <sup>2</sup>	0.41 lbs./sq.ft
<b>Pulley diameter minimum without or with counter flection:</b>	25 mm	1 in.
<b>Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):</b>	5 N/mm	29 lbs./in.
<b>Nominal peripheral force per unit of width:</b>	10 N/mm	57 lbs./in.
<b>Operating temperature admissible (continuous):</b>	Min -20 °C Max 70 °C	Min -4 °F Max 158 °F
<b>Seamless manufacturing width:</b>	1100 mm	43 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>	2 (These indications are not guarantees of properties)
<b>Installation and Handling Instructions:</b>	Follow the Installing and Maintenance Instructions which are supplied with each product delivery.
<b>Limitations:</b>	Do not force belt on pulleys; Keep belt edges free of any installation/machine contact; 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>EEC</b>	European Economic Community
<b>NAP</b>	Not applicable

## Disclaimer

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

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