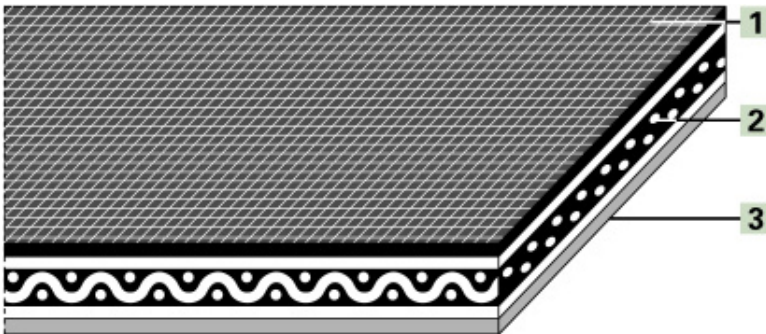


Product Designation

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

Product Design (enlarged)



Product Construction/Design

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

Product Characteristics

| | |
|--------------------------|---------------------------------|
| Drive determination: | Double-sided power transmission |
| Antistatically equipped: | Yes |

Technical Data

| | | |
|---|-------------------------|-------------------------|
| Thickness: | 2.5 mm | 0.1 in. |
| Mass of belt (belt weight): | 2.6 kg/m ² | 0.53 lbs./sq.ft |
| Pulley diameter minimum without or with counter flection: | 50 mm | 2 in. |
| Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013): | 18 N/mm | 103 lbs./in. |
| Nominal peripheral force per unit of width: | 38 N/mm | 217 lbs./in. |
| Operating temperature admissible (continuous): | Min -20 °C Max 70 °C | Min -4 °F Max 158 °F |
| Seamless manufacturing width: | 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

| | |
|--|--|
| Chemical Resistance Class: | 2 (These indications are not guarantees of properties) |
| Installation and Handling Instructions: | Follow the Installing and Maintenance Instructions which are supplied with each product delivery. |
| Limitations: | Do not twist or fold belt; 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

| | |
|------------|-----------------------------|
| EEC | European Economic Community |
| NAP | Not applicable |

Disclaimer

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

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