

Main industry segments

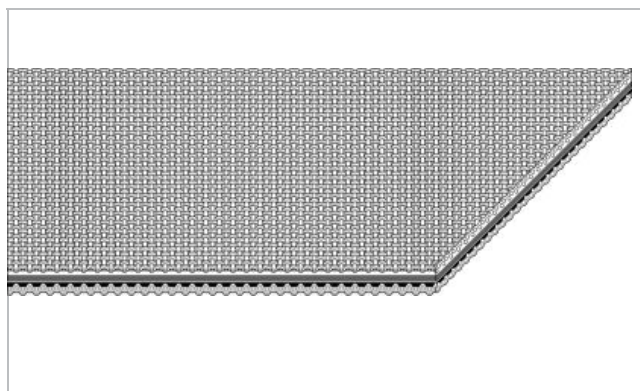
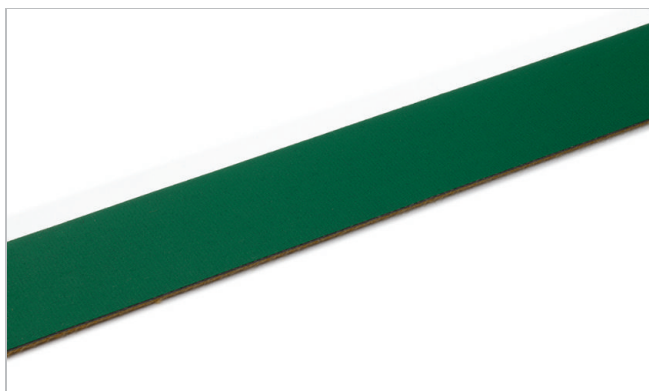
Paper manufacturing and processing, Yarn processing

Applications

Machine tape, Spindle drive

Special features

Abrasion resistant, Antistatic, Constant coefficient of friction, High reliability, High temperature resistant, Low elasticity, Robustness, Uniform yarn quality



| Product Construction / Design | |
|-------------------------------|---|
| Spindle side material | Polyamide (PA)/Cotton (CO) fabric as friction cover (whirl side) |
| Spindle side surface | Fabric |
| Spindle side color | Yellow |
| Traction layer (material) | Polyamide (PA) foil |
| Pulley side material | Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side) |
| Pulley side surface | Sand finish |
| Pulley side color | Green |

| Product characteristics | |
|-----------------------------------|---|
| Drive determination | 1- / 2- / or 4-spindle ring spinning frames |
| Antistatically equipped | Yes |
| Adhesive free joining method | No |
| Food suitability, FDA conformance | No |
| Food suitability, EU conformance | No |

| Technical data | | |
|--|------------------------|---------------|
| Thickness of belt | 0.85 mm | 0.03 inch |
| Mass of belt (belt weight) | 0.80 kg/m ² | 0.164 lb/sqft |
| Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013) | 2.4 N/mm | 14 lbf/in |
| Nominal peripheral force per unit of width | 6.5 N/mm | 37 lbf/in |
| Min. operating temperature admissible (continuous) | -20 °C | -4 °F |
| Max. operating temperature admissible (continuous) | 100 °C | 212 °F |
| Seamless manufacturing width | 1200 mm | 47.24 inch |

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

Joining related properties

[Link to JDS:](#)

| Joining method | | Thermofix |
|---|-------------------|-------------------|
| Pulley diameter (minimum) | mm <i>inch</i> | 25 <i>0.98</i> |
| Pulley diameter minimum with counter flection | mm <i>inch</i> | 25 <i>0.98</i> |

Chemical resistance

Link to 'Chemical resistance information': <http://www.habasit.com/en/chemical-resistance.htm>

Mode of use or conveyance

Power transmission, Spindle drive

Calculations

With power transmission belts a calculation at least of the belt width and initial elongation is highly recommended. For this serves the Habasit SeleCalc calculation program. The easiest way is to have belt drives calculated by Habasit representatives.

Recommendation

Observe the indications of the machine handbook from the machine manufacturers

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.

This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 2014/34/EU) and therefore is subject to user's analysis in the respective environment, When changing the direction of rotation (S/Z direction of rotation) the spindle tape can run off the driving pulley

| | |
|-------------|----------------------------|
| Group | Polyamide Spindle Tapes |
| Sub-Group | TS Polyamide Spindle Tapes |
| Item number | H010100232 |

Disclaimer

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

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