

Main industry segments

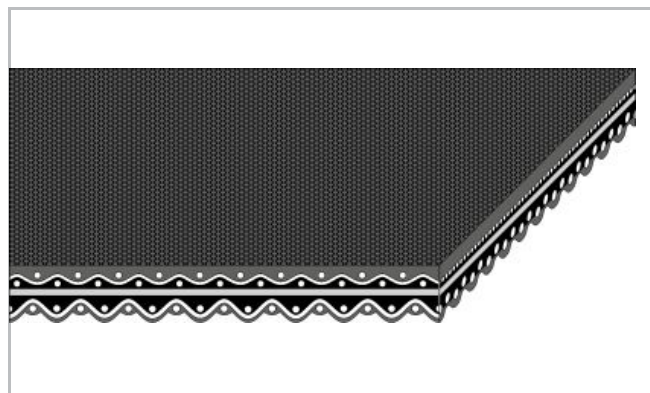
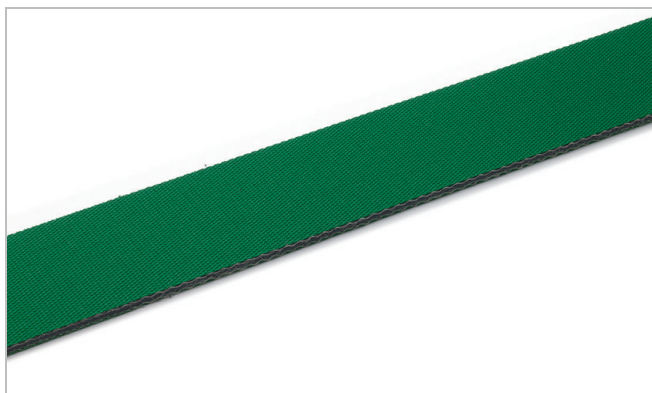
Paper manufacturing and processing, Paper printing and finishing

Applications

Machine tape, Paper handling belt, Power transmission belt, Processing belt

Special features

Abrasion resistant, Constant and gentle positive grip, Constant coefficient of friction, Forgiving in case of short term shock like overloads, Outstanding flex-fatigue, Versatile



| Product Construction / Design | |
|-------------------------------|--------------------------------------|
| Conveying side material | Acrylonitrile-Butadiene-Rubber (NBR) |
| Conveying side surface | Rough structure |
| Conveying side property | Adhesive |
| Conveying side color | Green |
| Traction layer (material) | Polyamide (PA) |
| Number of Fabrics | 2 |
| Pulley side material | Acrylonitrile-Butadiene-Rubber (NBR) |
| Pulley side surface | Impregnated fabric |
| Pulley side property | Non-adhesive |
| Pulley side color | Green |

| Product characteristics | |
|------------------------------|-----|
| Antistatically equipped | Yes |
| Adhesive free joining method | No |

| Technical data | | |
|---|-----------------------|---------------|
| Thickness of belt | 1.8 mm | 0.07 inch |
| Mass of belt (belt weight) | 1.8 kg/m ² | 0.358 lb/sqft |
| Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155) | 14 N/mm | 80 lbf/in |
| Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181) | 4.4 N/mm | 25 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 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 | Mechanical joining |
|---|-------------------|------------|--------------------|
| Pulley diameter (minimum) | mm <i>inch</i> | 60 2.36 | |
| Pulley diameter minimum with counter flection | mm <i>inch</i> | 60 2.36 | |
| Slider bed suitable | | Yes | |
| Carrying rollers suitable | | Yes | |
| Troughed installation suitable | | No | |

Chemical resistance

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

Mode of use or conveyance

Declined, Horizontal, Inclined, Twists, Twists with short center distance, Vertical

Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

Recommendation

Do not go below initial elongation (epsilon) ~ 0.5%, Install the slack belt and tension until running perfectly under the full belt load

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.

| | |
|-------------|-------------------------|
| Group | Polyamide Machine Tapes |
| Sub-Group | - |
| Item number | H010100374 |

Disclaimer

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