Main industry segments
Yarn processing

Applications
Ring spinning frames, Tangential belt, Twisters and texturing machines

Special features
Abrasion resistant, Constant coefficient of friction, Dimensionally stable, Forgiving in case of short term shock like overloads

Product Construction / Design
- Pulley side material: Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (pulley/cylinder side)
- Pulley side surface: Rough structure
- Pulley side color: Yellow
- Traction layer (material): Polyamide (PA)
- Number of Fabrics: 2
- Opposite side material: Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl side)
- Opposite side surface: Rough structure
- Opposite side color: Green

Product characteristics
- Drive determination: Double-sided power transmission
- Antistatically equipped: Yes
- Adhesive free joining method: No
- Food suitability, FDA conformance: No
- Food suitability, EU conformance: No

Technical data
- Thickness of belt: 3.2 mm, 0.13 inch
- Mass of belt (belt weight): 3.6 kg/m², 0.737 lb/sqft
- Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013): 13 N/mm, 74 lbf/in
- Nominal peripheral force per unit of width: 35 N/mm, 200 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

<table>
<thead>
<tr>
<th>Joining method</th>
<th>mm</th>
<th>inch</th>
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<tbody>
<tr>
<td>Pulley diameter (minimum)</td>
<td>125</td>
<td>4.92</td>
</tr>
<tr>
<td>Pulley diameter minimum with counter flexion</td>
<td>125</td>
<td>4.92</td>
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</tbody>
</table>

Chemical resistance

Mode of use or conveyance

Calculations

Recommendation

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.