

# Power Transmission Belts

## ZB-03



### Main industry segments

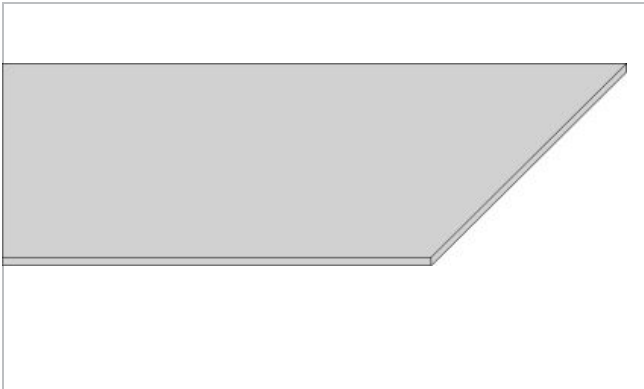
Textile others

### Applications

Machine tape

### Special features

Abrasion resistant, Forgiving in case of short term shock like overloads, Robustness



Product Construction / Design	
Pulley side material	Polyamide (PA)
Pulley side surface	Smooth
Pulley side property	Non-adhesive
Pulley side color	Off-white
Traction layer (material)	Polyamide (PA)
Number of Fabrics	0
Opposite side material	Polyamide (PA)
Opposite side surface	Smooth
Opposite side property	Non-adhesive
Opposite side color	Off-white

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	No
Food suitability, FDA conformance	No
Food suitability, EU conformance	No

Technical data		
Thickness of belt	0.30 mm	0.01 inch
Mass of belt (belt weight)	0.30 kg/m <sup>2</sup>	0.061 lb/sqft
Min. operating temperature admissible (continuous)	-20 °C	-4 °F
Max. operating temperature admissible (continuous)	65 °C	149 °F
Seamless manufacturing width	420 mm	16.54 inch

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

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### Joining related properties

[Link to JDS:](#)

Joining method		Thermofix 90°
Pulley diameter (minimum)	mm <i>inch</i>	20 <i>0.79</i>
Pulley diameter minimum with counter flection	mm <i>inch</i>	20 <i>0.79</i>

### Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

### Calculations

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

### Recommendation

Install the slack belt and tension until running perfectly under the full belt load

Store spare belts in a cool and dry place and if possible in their original packaging. Protect spare belts from sunlight/UV-radiation/dust/dirt! Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

Group	Polyamide Power Transmission Belts
Sub-Group	Polyamide Traction Layers
Item number	H010100551

### Disclaimer

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

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