

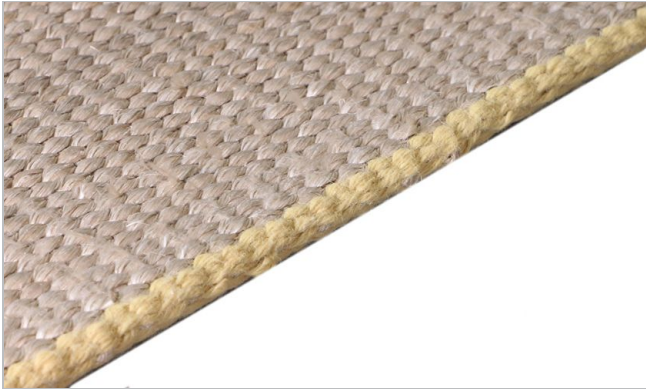
Processing Belts

HIT/FG/3



Main industry segments

Glass



Product Construction / Design	
Conveying side material	Glass fabric
Conveying side surface	Coarse textile structure
Conveying side property	Non-adhesive
Conveying side color	Beige
Traction layer (material)	Glass fabric
Number of Fabrics	3
Pulley side material	Glass fabric
Pulley side surface	Coarse textile structure
Pulley side property	Non-adhesive
Pulley side color	Beige

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	No
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

Technical data		
Thickness of belt	7.1 mm	0.28 inch
Mass of belt (belt weight)	8.2 kg/m ²	1.680 lb/sqft
Min. operating temperature admissible (continuous)	0 °C	32 °F
Max. operating temperature admissible (continuous)	650 °C	1202 °F
Coefficient of friction (pulley side / steel driving pulley)	0.15 -	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35 -	
Seamless manufacturing width	51 mm	2.00 inch

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Joining related properties

Joining method	
Mechanical joining	Master joining method for standard applications
Sewn Joint	Optional joining method

[Link to JDS:](#)

Joining method		Mechanical joining	Sewn Joint
Pulley diameter (minimum)	mm <i>inch</i>	152 <i>6.00</i>	152 <i>6.00</i>
Pulley diameter minimum with counter flection	mm <i>inch</i>	152 <i>6.00</i>	152 <i>6.00</i>
Admissible tensile force per unit of width	N/mm <i>lbf/in</i>	35 <i>200</i>	
Slider bed suitable		Yes	Yes
Powerturns / curved installations		No	No
Knife-edge (nosebar) suitable		No	No
Metal detector suitable		No	No

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

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Chemical resistance

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

Mode of use or conveyance

Horizontal

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

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. 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)

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

Group	Woven Belts
Sub-Group	Hi-Temperature Belts
Item number	H250000147

Disclaimer

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

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