

Processing Belts

HIT/N/HSTT0975RS



Main industry segments

Paper manufacturing and processing

Special features

Dimensionally stable, High temperature resistant

Product Construction / Design	
Conveying side material	Meta-aramid fabric
Conveying side surface	Fabric
Conveying side property	Non-adhesive
Conveying side color	Off-white
Traction layer (material)	Meta-aramid fabric
Number of Fabrics	1
Pulley side material	Meta-aramid fabric
Pulley side surface	Fabric
Pulley side property	Non-adhesive
Pulley side color	Off-white

Product characteristics	
Antistatically equipped	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended

Technical data			
Thickness of belt	4.5	mm	0.18 inch
Mass of belt (belt weight)	1.3	kg/m ²	0.266 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	3.5	N/mm	20 lbf/in
Min. operating temperature admissible (continuous)	-18	°C	0 °F
Max. operating temperature admissible (continuous)	204	°C	400 °F
Coefficient of friction (pulley side / steel driving pulley)	0.15	-	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-	
Coefficient of friction (pulley side / pickled steel slider bed)	0.20	-	
Coefficient of friction (pulley side / stainless steel slider bed)	0.20	-	
Seamless manufacturing width	124	mm	4.88 inch

Joining related properties

Joining method

[Link to JDS:](#)

Joining method

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, Vertical

Recommendation

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	Woven Belts
Sub-Group	Hi-Temperature Belts
Item number	H250001424

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