Processing Belts
XVR-1038

habasit

Applications
Coil winding for sheet metal

Special features
Abrasion resistant, Chemical resistant, Dimensionally stable

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

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

Technical data				
Thickness of belt	4.0	mm	*0.16*	*inch*
Mass of belt (belt weight)	4.3	kg/m²	*0.881*	*lb/sqft*
Min. operating temperature admissible (continuous)	-20	°C	*-4*	*°F*
Max. operating temperature admissible (continuous)	100	°C	*212*	*°F*
Coefficient of friction (running side / steel driving pulley)	0.25	-		
Coefficient of friction (running side / driving pulley with friction cover)	0.35	-		
Seamless manufacturing width	1200	mm	*47*	*inch*

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Joining related properties

Joining method	
Thermofix	Master joining method for standard applications

Link to JDS:

Joining method		Thermofix
Pulley diameter (minimum)	mm *inch*	250 *9.84*
Pulley diameter minimum with counter flection	mm *inch*	250 *9.84*
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Nosebar suitable		No
Metal detector suitable		Yes

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

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

Mode of use or conveyance
Horizontal

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) ~ 0.3%, 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.

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	Elastomer Covered Conveying Belts
Sub-Group	-
Item number	H010100378