

Processing Belts

NVT-2010/3

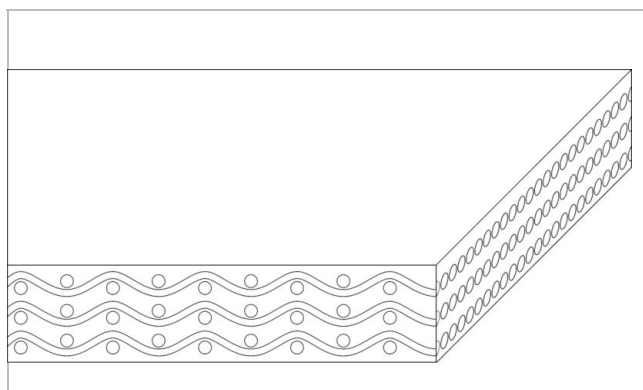


Main industry segments

Marble and stone

Applications

Engineered stone processing



Product Construction / Design	
Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Smooth
Conveying side color	White
Traction layer (material)	Polyester (PET)
Number of Fabrics	3
Pulley side material	Polyvinylchloride (PVC)
Pulley side surface	Matt
Pulley side color	White

Product characteristics	
Antistatically equipped	Yes
Flammability	No specific flammability prevention property

Technical data			
Thickness of belt	6.3	mm	0.248 inch
Mass of belt (belt weight)	7.8	kg/m ²	1.598 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	23	N/mm	131 lbf/in
Min. operating temperature admissible (continuous)	-15	°C	5 °F
Max. operating temperature admissible (continuous)	90	°C	194 °F

Recommended initial elongation 0.4 - 0.7%

Joining related properties

Joining method

[Link to JDS:](#)

Joining method		
Pulley diameter (minimum)	mm	120
	inch	4.72
Pulley diameter minimum with counter flection	mm	220
	inch	8.66
Slider bed suitable		No
Carrying rollers suitable		Yes
Troughed installation suitable		Yes

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.

Chemical resistance

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

Mode of use or conveyance

Horizontal

Recommendation

Do not go below initial elongation (epsilon) ~ 0.3%

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)

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	Marble Belts
Item number	- S110002013

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