

Machine Tapes

WVT-196



Main industry segments

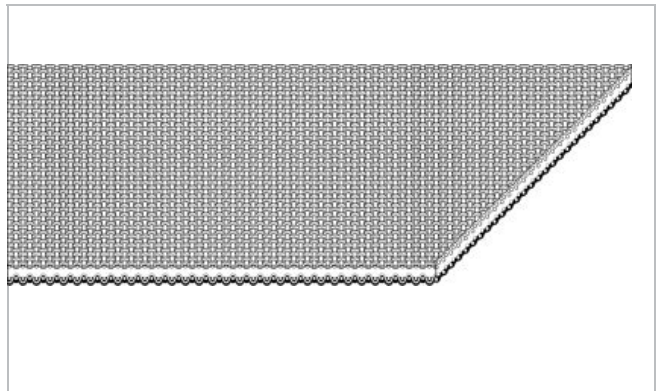
Paper manufacturing and processing, Paper printing and finishing

Applications

Machine tape, Paper handling belt, Sheeter/Crosscutter belt

Special features

Abrasion resistant, Adhesive-free joint, Constant and gentle positive grip, Dimensionally stable, Outstanding flex-fatigue



Product Construction / Design	
Conveying side material	Polyester (PET)/Cotton (CO) fabric
Conveying side surface	Fabric
Conveying side property	Non-adhesive
Conveying side color	Beige
Traction layer (material)	Polyester (PET)/Cotton (CO) fabric
Number of Fabrics	2
Pulley side material	Thermoplastic polyurethane (TPU)
Pulley side surface	Impregnated fabric
Pulley side property	Non-adhesive
Pulley side color	Black

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

Technical data		
Thickness of belt	1.5 mm	0.06 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)	4.0 N/mm	23 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	2.2 N/mm	13 lbf/in
Min. operating temperature admissible (continuous)	-20 °C	-4 °F
Max. operating temperature admissible (continuous)	80 °C	176 °F
Seamless manufacturing width	2000 mm	78.74 inch

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

Joining related properties

[Link to JDS:](#)

Joining method		Flexproof 10 x 80
Pulley diameter (minimum)	mm <i>inch</i>	15 <i>0.59</i>
Pulley diameter minimum with counter flection	mm <i>inch</i>	15 <i>0.59</i>
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		Yes

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

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!

Group	TPU Machine Tapes
Sub-Group	-
Item number	H700014892

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