

Main industry segments

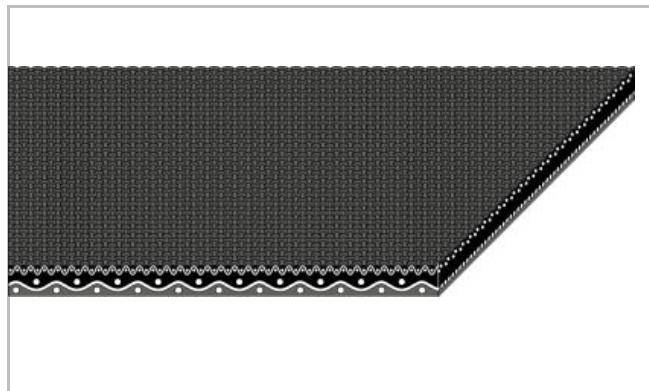
Folding, Paper converting, Paper manufacturing, Paper manufacturing and processing, Paper printing and finishing

Applications

Folder belt, Paper handling belt, Processing belt

Special features

Abrasion resistant, Adhesive-free joint, Constant grip and release property, Dimensionally stable, Non-marking



Product Construction / Design	
Conveying side material	Polyurethane cross-linked (PUR)
Conveying side surface	Impregnated fabric
Conveying side property	Non-adhesive
Conveying side color	Black
Traction layer (material)	Polyamide (PA) fabric /Thermoplastic polyurethane (TPU) foil
Number of Fabrics	2
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR)
Pulley side surface	Fine textile structure
Pulley side property	Adhesive
Pulley side color	Green

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	Yes

Technical data		
Thickness of belt	1.45 mm	0.06 inch
Mass of belt (belt weight)	1.6 kg/m ²	0.328 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155):	4.8 N/mm	27 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	1.7 N/mm	10 lbf/in
Min. operating temperature admissible (continuous)	-20 °C	-4 °F
Max. operating temperature admissible (continuous)	60 °C	140 °F
Seamless manufacturing width	1200 mm	47 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:

<http://pdchmp04.habasit.com/HNET/fabren.nsf/vwGetJDS?OpenView&productCode=MVT-6P>

Joining method	Unit	Flexproof 8 x 30
Pulley diameter (minimum)	mm <i>inch</i>	25 <i>0.98</i>
Pulley diameter minimum with counter flecion	mm <i>inch</i>	25 <i>0.98</i>
Slider bed suitable		No
Carrying rollers suitable		Yes
Troughed installation suitable		No

Chemical resistance

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

Mode of use or conveyance

Horizontal, Inclined, Vertical

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) ~ 0.5%, 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.

Group	Hamid Machine Tapes
Sub-Group	-
Item number	H010101632
Customs tariff number	59032000

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