

### Main industry segments

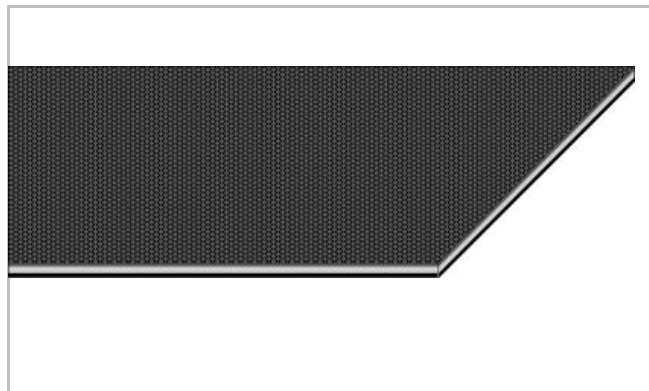
Paper converting, Paper manufacturing, Paper manufacturing and processing, Paper printing and finishing

### Applications

Machine tape, Paper handling belt

### Special features

Constant coefficient of friction, High grip surface



Product Construction / Design	
Conveying side material	Rubber (EPDM)
Conveying side surface	Rough structure
Conveying side property	Adhesive
Conveying side color	Green
Traction layer (material)	Polyamide (PA)
Number of Fabrics	1
Pulley side material	Hamid
Pulley side surface	Smooth
Pulley side property	Non-adhesive
Pulley side color	Black

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	Yes

Technical data		
Thickness of belt	1.40 mm	0.06 inch
Mass of belt (belt weight)	1.4 kg/m <sup>2</sup>	0.287 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155):	4.4 N/mm	25 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)	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=MAT-5P>

Joining method	Unit	Flexproof 8 x 30	Quickmelt
Pulley diameter (minimum)	mm <i>inch</i>	20 <i>0.79</i>	
Pulley diameter minimum with counter flecion	mm <i>inch</i>	20 <i>0.79</i>	
Slider bed 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

Declined, Horizontal, Inclined, Twists, Twists with short center distance, 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) ~ 0.3%, 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.

Group	Hamid Machine Tapes
Sub-Group	-
Item number	H010100372
Customs tariff number	40101200

### Disclaimer

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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