

Machine Tapes

MAM-05HP



Main industry segments

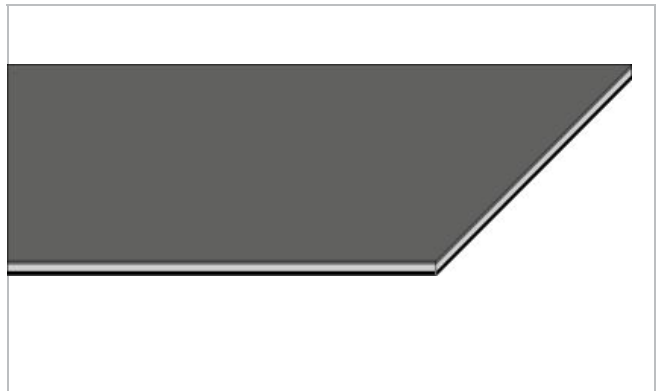
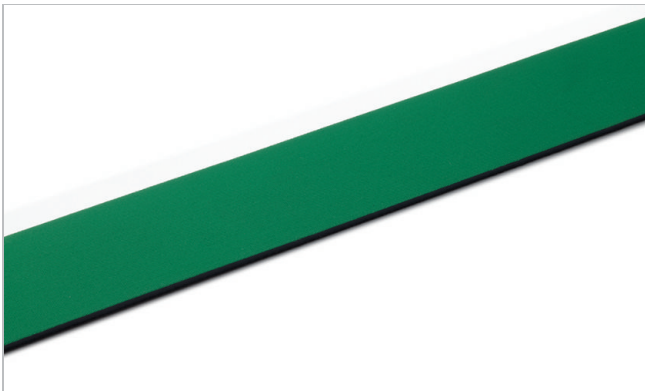
Letter sorting, Paper manufacturing and processing, Paper printing and finishing

Applications

Feeder belt, Machine tape, Paper handling belt

Special features

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



Product Construction / Design	
Conveying side material	Acrylonitrile-Butadiene-Rubber (NBR)
Conveying side surface	Fine structure
Conveying side property	Adhesive
Conveying side color	Green (Habasit green)
Traction layer (material)	Hamid
Number of Fabrics	0
Pulley side material	Acrylonitrile-Butadiene-Rubber (NBR)
Pulley side surface	Coarse textile structure
Pulley side property	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	1.6 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)	12 N/mm	69 lbf/in
Tensile force for 8% elongation (k8% static) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	3.2 N/mm	18 lbf/in
Tensile force for 8% elongation after relaxation (k8% 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	1140 mm	44.88 inch

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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 8 x 30
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		No
Carrying rollers suitable		Yes
Troughed installation suitable		No

Chemical resistance

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

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

Elastic belt: Initial elongation depends on belt load and application, Initial elongation between 3 to 8% is recommended

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)

* Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited

Group	Hamid Machine Tapes
Sub-Group	-
Item number	H010100447

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