

# Machine Tapes

## MAM-05HP



### Main industry segments

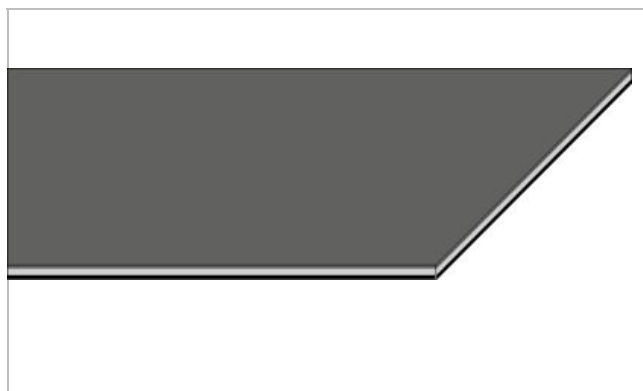
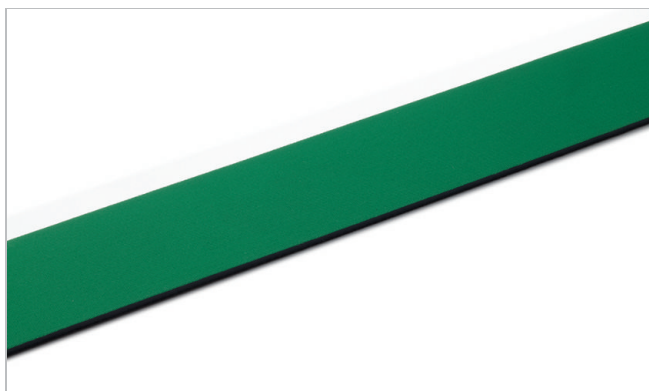
Letter sorting, Paper manufacturing and processing, Paper printing and finishing

### 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 <sup>2</sup>	0.328 lb/sqft	
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	

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 inch	15 0.59
Pulley diameter minimum with counter flection	mm inch	15 0.59
Slider bed suitable		No
Carrying rollers suitable		Yes
Troughed installation suitable		No

### Chemical resistance

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

### REACH

This product contains more than 0.1% of the following substance(s) of very high concern (SVHC) and is (are) included in the Candidate List. Further information is available from your Habasit representation.

*Substance(s): 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol*

### 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

### Disclaimer

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

This disclaimer is made by and on behalf of Habasit and its affiliated companies, directors, employees, agents and contractors (hereinafter collectively "HABASIT") with respect to the products referred to herein (the "Products"). SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDED SAFETY PRECAUTIONS BE FOLLOWED STRICTLY! Please refer to the Safety Warnings herein, in the Habasit catalogue as well as installation and operating manuals. All indications / information as to the application, use and performance of the Products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The data provided herein are based on laboratory application with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experience may lead to re-assessments and modifications within a short period of time and without prior notice. EXCEPT AS EXPLICITLY WARRANTED BY HABASIT, WHICH WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, THE PRODUCTS ARE PROVIDED "AS IS". HABASIT DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. BECAUSE CONDITIONS OF USE IN INDUSTRIAL APPLICATION ARE OUTSIDE OF HABASIT'S CONTROL, HABASIT DOES NOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS, INCLUDING INDICATIONS ON PROCESS RESULTS AND OUTPUT.