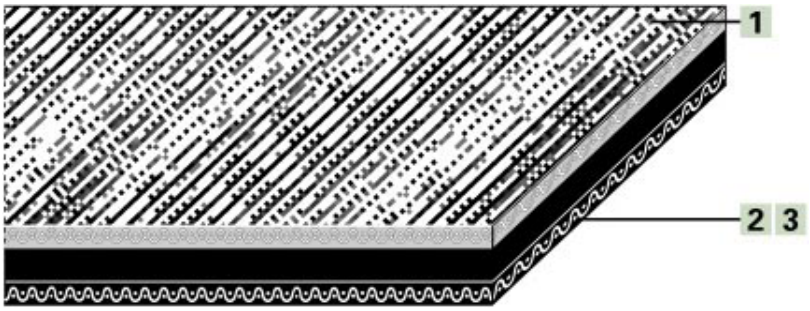
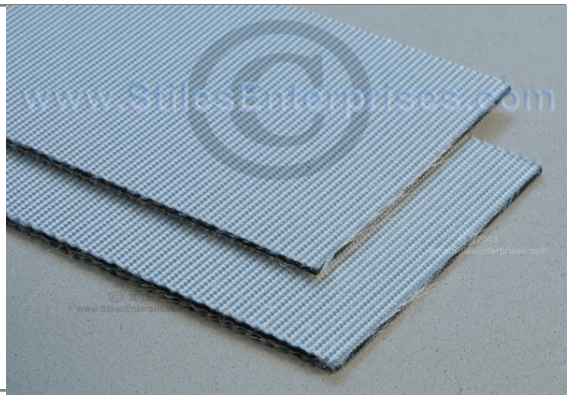
Product Data Sheet
MNT-8P

Product Designation

Product Group:	Hamid machine tapes
Main Industry Segments:	Folding; Paper converting; Paper manufacturing and processing; Paper printing and finishing
Belt Applications:	Folder belt; Machine tape; Paper handling belt
Special Features:	Abrasion resistant; Constant and gentle positive grip; Dimensionally stable; Flexibility in all directions; Non-marking
Mode of Use/Conveyance:	Declined; Horizontal; Inclined; Vertical

Product Design (enlarged)





Product Construction/Design

1	**Conveying Side (Material):**	Polyamide (PA) fabric
1	**Conveying Side (Surface):**	Fabric
1	**Conveying Side (Property):**	Non-adhesive
1	**Conveying Side (Color):**	Light gray
2	**Traction Layer (Material):**	Polyamide (PA) fabric / Hamid foil
	Number of Fabrics:	2
3	**Running Side/Pulley Side (Material):**	Polyamide (PA) fabric
3	**Running Side/Pulley Side (Surface):**	Fabric
3	**Running Side/Pulley Side Property:**	Non-adhesive
3	**Running Side/Pulley Side (Color):**	Light gray

Product Characteristics

Slider bed suitable:	Yes (Only small belt load)
Carrying rollers suitable:	Yes
Troughed installation suitable:	No
Antistatically equipped:	Yes

Technical Data

Thickness:	1.8 mm	*0.07 in.*
Mass of belt (belt weight):	1.65 kg/m²	*0.34 lbs./sq.ft*
Pulley diameter minimum with counter flection:	25 mm	*1 in.*
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	9.0 N/mm	*51 lbs./in.*
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	4.2 N/mm	*24 lbs./in.*
Operating temperature admissible (continuous):	Min -20 °C Max 66 °C	*Min -4 °F* *Max 151 °F*
Coefficient of friction of driving pulley of steel:	0.25 [-]	*0.25 [-]*
Seamless manufacturing width:	1200 mm	*47 in.*

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

Additional Technical Information

Chemical Resistance Class:	2 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial elongation (epsilon) ~ 0.3%; Install the slack belt and tension until running perfectly under the full belt load.
Limitations:	dmin = 25 mm in case belt speed is < 5 m/sec - dmin = 30 mm in case belt speed is < 12 m/sec or belt is specified by machine manufacturer - dmin = 40 mm in case belt speed is > 12m/sec. Info for machine manufacturers: dmin depends on belt path. Please contact Habasit for new machine designs.; Keep belt edges free of any installation/machine contact; This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 94/9) and therefore is subject to user's analysis in the respective environment.

Storage

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.

Legend

*****	No calculation Value
2)	Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC
3)	CLA: Coordination of the centre line-average value Ra (in the US also Arithmetical Average (AA)) to the maximum peak to valley height Rt for surfaces manufactured by chip removal.
8)	Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited
	German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)
EEC	European Economic Community
EU	European Union (Directive 2002/72/EC)
FDA	Food and Drug Administration
NA	Not available
NAP	Not applicable
USDA	United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.)

Product Liability, Application Considerations

If the proper selection and application of Habasit products are not recommended by an authorized Habasit sales specialist, the selection and application of Habasit products, including the related area of product safety, are the responsibility of the customer.
All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.
BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.