

Product Data Sheet

MNI-10E



Your Source For Habasit
Belting And Chain

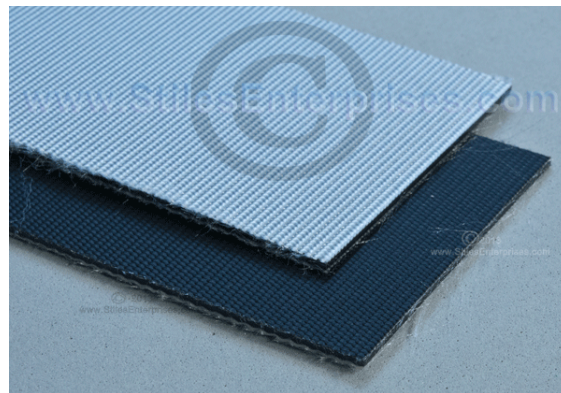
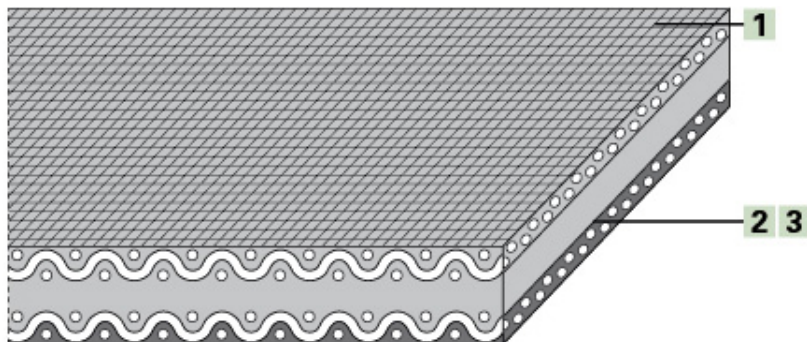
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Product Designation

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
Special Features:	Abrasion resistant; Constant and gentle positive grip; Non-marking; Dimensionally stable
Mode of Use/Conveyance:	Horizontal; Vertical; Inclined; Declined

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyamide (PA) fabric
1 Conveying Side (Surface):	Impregnated fabric
1 Conveying Side (Property):	Non-adhesive
1 Conveying Side (Color):	Gray
2 Traction Layer (Material):	Polyester (PET) fabric
Number of Fabrics:	2
3 Running Side/Pulley Side (Material):	Polyester (PET) fabric
3 Running Side/Pulley Side (Surface):	Impregnated fabric
3 Running Side/Pulley Side Property:	Non-adhesive
3 Running Side/Pulley Side (Color):	Black

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):	2.0 kg/m ²	0.41 lbs./sq.ft
Pulley diameter minimum with counter flexion:	30 mm	1.2 in.
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	13 N/mm	74 lbs./in.
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	9 N/mm	51 lbs./in.
Operating temperature admissible (continuous):	Min -20 °C Max 60 °C	Min -4 °F Max 140 °F
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 = 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

	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

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