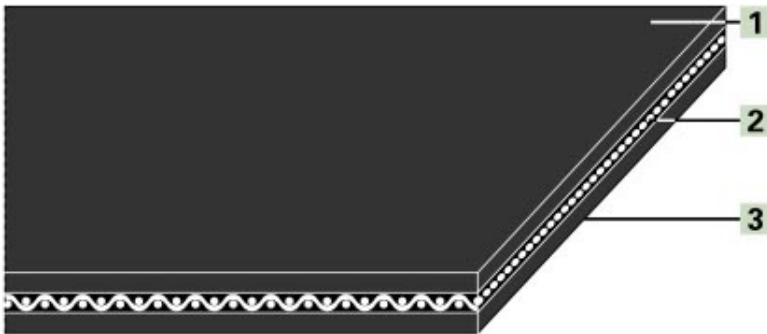


Product Designation

Product Group:	Hamid machine tapes
Main Industry Segments:	Paper converting; Paper printing and finishing; Paper processing; Postal/mail sorting
Belt Applications:	General conveying belt; Letter transport belt; Mail handling/mail sorting belt; Paper handling belt; Sorting belt
Special Features:	Constant and gentle positive grip; Dimensionally stable
Mode of Use/Conveyance:	Declined; Horizontal; Inclined; Twists with short center distance; Vertical

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Thermoplastic polyurethane (TPU)
1 Conveying Side (Surface):	Fine structure
1 Conveying Side (Property):	Adhesive
1 Conveying Side (Color):	Dark green
2 Traction Layer (Material):	Polyester (PET) fabric
Number of Fabrics:	1
3 Running Side/Pulley Side (Material):	Thermoplastic polyurethane (TPU)
3 Running Side/Pulley Side (Surface):	Fine structure
3 Running Side/Pulley Side Property:	Fine structure
3 Running Side/Pulley Side (Color):	Black

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Troughed installation suitable:	Yes
Antistatically equipped:	Yes

Technical Data

Thickness:	1.25 mm	0.05 in.
Mass of belt (belt weight):	1.45 kg/m ²	0.3 lbs./sq.ft
Pulley diameter minimum without or with counter flecion:	25 mm	1 in.
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	5.5 N/mm	31 lbs./in.
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	3.4 N/mm	19 lbs./in.
Admissible tensile force per unit of width:	NAP lbs./in.	Operating temperature admissible (continuous): Min -20 Max 60
°C	Min -4 °F	Coefficient of friction of driving pulley of steel: 0.3
°C	Max 140 °F	Seamless manufacturing width: 1200
[-]	0.3 [-]	
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:	6 (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:	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.)

Disclaimer

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