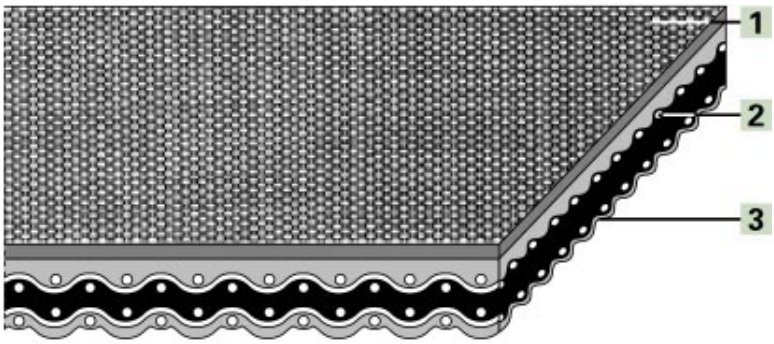
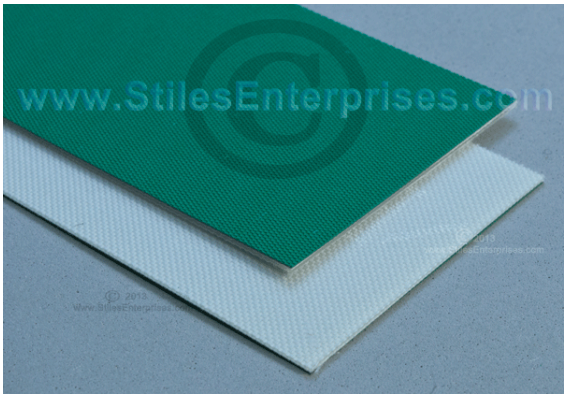
Product Designation

Product Group:	Hamid machine tapes
Main Industry Segments:	Folding; Paper converting; Paper manufacturing and processing; Paper printing and finishing
Belt Applications:	Folder belt; Paper handling belt; Processing belt
Special Features:	Abrasion resistant; Adhesive-free joint; Constant grip and release property; Dimensionally stable; Non-marking
Mode of Use/Conveyance:	Declined; Horizontal; Inclined

Product Design (enlarged)





Product Construction/Design

1	**Conveying Side (Material):**	Acrylonitrile-Butadiene-Rubber (NBR)
1	**Conveying Side (Surface):**	Rough textile structure
1	**Conveying Side (Property):**	Adhesive
1	**Conveying Side (Color):**	Green
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):**	Off-white

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Troughed installation suitable:	No
Antistatically equipped:	Yes

Technical Data

Thickness:	1.3 mm	*0.05 in.*
Mass of belt (belt weight):	1.6 kg/m²	*0.33 lbs./sq.ft*
Pulley diameter minimum with counter flection:	20 mm	*0.8 in.*
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	6.0 N/mm	*34 lbs./in.*
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	4.4 N/mm	*25 lbs./in.*
Operating temperature admissible (continuous):	Min -20 °C Max 60 °C	*Min -4 °F* *Max 140 °F*
Coefficient of friction of driving pulley of steel:	0.15 [-]	*0.15 [-]*
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:	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:	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
EEC	European Economic Community
EU	European Union (Directive 2002/72/EC)
FDA	Food and Drug Administration
NA	Not available
NAP	Not applicable

Product Liability, Application Considerations

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