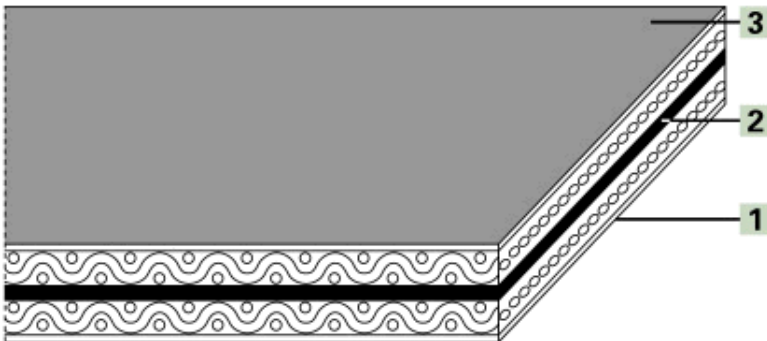


Product Designation

Product Group:	Polyamide machine tapes
Main Industry Segments:	Paper manufacturing and processing
Belt Applications:	Machine tape; Power transmission belt; Thread carrier belt
Special Features:	Abrasion resistant; Constant coefficient of friction; Forgiving in case of short term shock like overloads
Mode of Use/Conveyance:	Declined; Horizontal; Inclined; Power transmission; Vertical

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Acrylonitrile-Butadiene-Rubber (NBR)
1 Conveying Side (Surface):	Matt
1 Conveying Side (Property):	Adhesive
1 Conveying Side (Color):	Green
2 Traction Layer (Material):	Polyamide (PA)
Number of Fabrics:	2
3 Running Side/Pulley Side (Material):	Polyurethane cross-linked (PUR)
3 Running Side/Pulley Side (Surface):	Smooth
3 Running Side/Pulley Side Property:	Non-adhesive
3 Running Side/Pulley Side (Color):	Black

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Troughed installation suitable:	No
Permanently antistatic:	Yes

Technical Data

Thickness:	1.2 mm	0.05 in.
Mass of belt (belt weight):	1.3 kg/m ²	0.27 lbs./sq.ft
Pulley diameter (minimum):	40 mm	1.6 in.
Pulley diameter minimum with counter flexion:	40 mm	1.6 in.
Tensile force for 1% elongation (k1% after running in) per unit of width (Habasit standard SOP3-013):	4 N/mm	23 lbs./in.
Admissible tensile force per unit of width:	16 N/mm	91 lbs./in.
Operating temperature admissible (continuous):	Min -20 °C Max 100 °C	Min -4 °F Max 212 °F
Coefficient of friction of driving pulley of steel:	0.3 [-]	0.3 [-]
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) ~0.5%.; Observe the indications of the machine handbook from the machine manufacturers.
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.

Legend

*	No calculation Value
1)	No further authoritative acceptance since elimination of prior approval procedure of September 24, 1997, from USDA authority
2)	Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC
8)	Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited
BgVV	Bundesinstitut für gesundheitlichen Verbraucherschutz und Veterinärmedizin (German Federal Institute for Consumers' Health Protection and Veterinary Medicine)
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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