

Product Designation

Product Group:	Polyurethane machine tapes
Product Sub-Group:	
Main Industry Segments:	Paper and cardboard converting; Paper printing and finishing
Belt Applications:	Machine tape
Special Features:	Elastic
Mode of Use/Conveyance:	Declined; Horizontal; Inclined

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyurethane thermoplastic (TPU)
1 Conveying Side (Surface):	Fine textile structure
1 Conveying Side (Property):	Medium-adhesive
1 Conveying Side (Color):	Green
2 Traction Layer (Material):	Hamid
Number of Fabrics:	
3 Running Side/Pulley Side (Material):	Polyurethane cross-linked (PUR)
3 Running Side/Pulley Side (Surface):	Fine textile structure
3 Running Side/Pulley Side (Color):	Black

Product Characteristics

Slider bed suitable:	Yes (with small belt load only)
Carrying rollers suitable:	Yes
Power turns, curved installations:	No
Nosebar suitable:	No
Permanently antistatic:	Yes
Metal detector suitable:	Yes
Flammability:	No specific flammability prevention property
Food suitability, FDA conformance:	No use intended
Food suitability, USDA recommendations:	No use intended
Food suitability, EU conformance:	Not Applicable

Technical Data

Thickness:	1.4 mm	0.06 in.
Mass of belt (belt weight):	1.4 kg/m ²	0.29 lbs./sq.ft
Nosebar Radius (minimum):	mm	in.
Pulley diameter (minimum):	15 mm	0.6 in.
Pulley diameter minimum with counter flexion:	15 mm	0.6 in.
Tensile force for 8% elongation (K8% static) per unit of width (Habasit standard 320.063):	1.5 N/mm	9 lbs./in.
Admissible tensile force per unit of width:	N/mm	lbs./in.
Operating temperature admissible (continuous):	Min -30 °C Max 60 °C	Min -22 °F Max 140 °F
Coefficient of friction on slider bed of pickled steel sheet:	[-]	[-]
Seamless manufacturing width:	mm	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:	Elastic belt: Initial tension depends on belt load and application.
Limitations:	

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
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
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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