

## Product Designation

<b>Product Group:</b>	Hamid machine tapes
<b>Main Industry Segments:</b>	Paper converting; Paper printing and finishing; Postal/mail sorting
<b>Belt Applications:</b>	Machine tape
<b>Special Features:</b>	Abrasion resistant on both sides; Constant and gentle positive grip; Dimensionally stable; Elastic
<b>Mode of Use/Conveyance:</b>	Declined; Horizontal; Inclined; Twists with short center distance; Vertical

## Product Design (enlarged)



## Product Construction/Design

<b>1 Conveying Side (Material):</b>	Acrylonitrile-Butadiene-Rubber (NBR)
<b>1 Conveying Side (Surface):</b>	Fine structure
<b>1 Conveying Side (Property):</b>	Adhesive
<b>1 Conveying Side (Color):</b>	Green (Habasit green)
<b>2 Traction Layer (Material):</b>	Hamid
<b>Number of Fabrics:</b>	0
<b>3 Running Side/Pulley Side (Material):</b>	Acrylonitrile-Butadiene-Rubber (NBR)
<b>3 Running Side/Pulley Side (Surface):</b>	Rough textile structure
<b>3 Running Side/Pulley Side Property:</b>	Adhesive
<b>3 Running Side/Pulley Side (Color):</b>	Black

## Product Characteristics

<b>Slider bed suitable:</b>	No
<b>Carrying rollers suitable:</b>	Yes
<b>Troughed installation suitable:</b>	No
<b>Permanently antistatic:</b>	Yes

## Technical Data

<b>Thickness:</b>	1.6 mm	0.06 in.
<b>Mass of belt (belt weight):</b>	1.6 kg/m <sup>2</sup>	0.33 lbs./sq.ft
<b>Pulley diameter (minimum):</b>	15 mm	0.6 in.
<b>Pulley diameter minimum with counter flexion:</b>	15 mm	0.6 in.
<b>Tensile force for 8% elongation (k8% static) per unit of width (Habasit standard 320.063):</b>	3.5 N/mm	20 lbs./in.
<b>Admissible tensile force per unit of width:</b>	5 N/mm	29 lbs./in.
<b>Operating temperature admissible (continuous):</b>	Min -30 °C Max 60 °C	Min -22 °F Max 140 °F
<b>Coefficient of friction of driving pulley of steel:</b>	0.7 [-]	0.7 [-]
<b>Seamless manufacturing width:</b>	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

<b>Chemical Resistance Class:</b>	2 (These indications are not guarantees of properties)
<b>Installation and Handling Instructions:</b>	Elastic belt: Initial tension depends on belt load and application.; Initial tension between 3 to 8% is recommended.
<b>Limitations:</b>	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.

## 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
<b>BgVV</b>	Bundesinstitut für gesundheitlichen Verbraucherschutz und Veterinärmedizin (German Federal Institute for Consumers' Health Protection and Veterinary Medicine)
<b>EEC</b>	European Economic Community
<b>EU</b>	European Union (Directive 2002/72/EC)
<b>FDA</b>	Food and Drug Administration
<b>NA</b>	Not available
<b>NAP</b>	Not applicable
<b>USDA</b>	United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.)

## Product Liability, Application Considerations

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