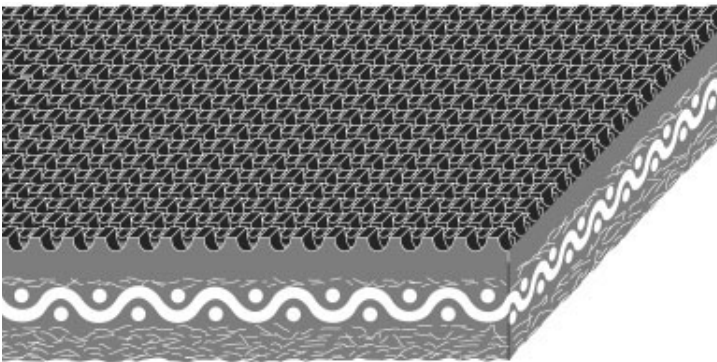


## Product Designation

<b>Product Group:</b>	Nonwoven conveyor and processing belts
<b>Product Sub-Group:</b>	Polymate belts for general conveying
<b>Main Industry Segments:</b>	Automotive general; Cardboard box manufacturing; Conveyors systems; Materials Handling; Unit handling
<b>Belt Applications:</b>	Acceleration belt; Decline belt; Incline belt; Induction belt
<b>Special Features:</b>	Bi-directional suitable; Crowned or flanged pulley suitable; Dimensionally stable; Good edge wear resistance; Good lace retention; High grip surface; Low friction reverse side; No delamination; Non-marking; Oils and fats resistant; Quiet running; Spiral lift suitable
<b>Mode of Use/Conveyance:</b>	Acceleration; Declined; Inclined

## Product Design (enlarged)



## Product Construction/Design

<b>1 Conveying Side (Material):</b>	Thermoplastic Alloy
<b>1 Conveying Side (Surface):</b>	Rough top
<b>1 Conveying Side (Property):</b>	Adhesive
<b>1 Conveying Side (Color):</b>	Brown
<b>2 Traction Layer (Material):</b>	Polyester (PET) scrim
<b>Number of Fabrics:</b>	1
<b>3 Running Side/Pulley Side (Material):</b>	Non-woven (fleece)
<b>3 Running Side/Pulley Side (Surface):</b>	Impregnated fleece
<b>3 Running Side/Pulley Side (Color):</b>	Brown

## Product Characteristics

<b>Slider bed suitable:</b>	Yes
<b>Carrying rollers suitable:</b>	Yes
<b>Power turns, curved installations:</b>	No
<b>Nosebar suitable:</b>	No
<b>Low noise applications:</b>	Yes
<b>Antistatically equipped:</b>	No
<b>Metal detector suitable:</b>	No
<b>Flammability:</b>	No specific flammability prevention property
<b>Food suitability FDA:</b>	No use intended
<b>Food suitability USDA:</b>	No use intended
<b>Food suitability EU:</b>	

## Technical Data

<b>Thickness:</b>	7.1 mm	0.28 in.
<b>Mass of belt (belt weight):</b>	4.4 kg/m <sup>2</sup>	0.90 lbs./sq.ft
<b>Nosebar Radius (minimum):</b>	n/a mm	n/a in.
<b>Pulley diameter (minimum):</b>	75 mm	3.0 in.
<b>Pulley diameter minimum with counter flexion:</b>	100 mm	4.0 in.
<b>Admissible tensile force per unit of width:</b>	28 N/mm	160 lbs./in.
<b>Operating temperature admissible (continuous):</b>	Min -23 °C Max 82 °C	Min -10 °F Max 180 °F
<b>Coefficient of friction on slider bed of pickled steel sheet:</b>	0.3 [-]	0.3 [-]
<b>Seamless manufacturing width:</b>	1828.8 mm	72 in.

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity, per ASTM standards, and are based on the Master Joining Method.

## Storage

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit.

## Legend

*	No calculation Value
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 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.)

## Product Liability, Application Considerations

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