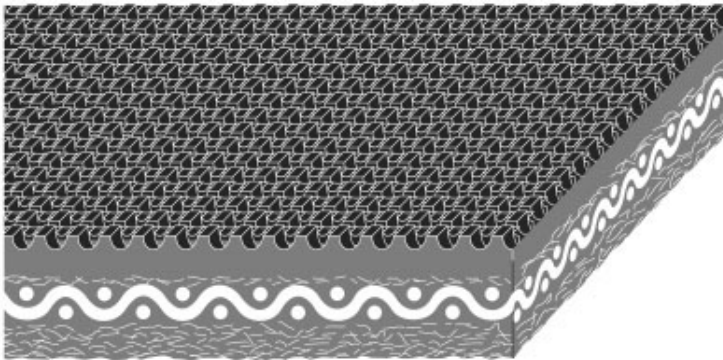


Product Designation

| | |
|-------------------------|---|
| Product Group: | Nonwoven conveyor and processing belts |
| Product Sub-Group: | Polymate belts for general conveying |
| Main Industry Segments: | Automotive general; Cardboard box manufacturing; Conveyors systems; Materials Handling; Unit handling |
| Belt Applications: | Acceleration belt; Decline belt; Incline belt; Induction belt |
| Special Features: | 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 |
| Mode of Use/Conveyance: | Acceleration; Declined; Inclined |

Product Design (enlarged)



Product Construction/Design

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

Product Characteristics

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

Technical Data

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

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