

Product Designation

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| Product Group: | PVC conveyor and processing belts |
| Product Sub-Group: | Allveyor belts for package handling |
| Main Industry Segments: | Airport; Baggage handling; Distribution centers; Materials Handling; Parcel distribution/Overnight carrier |
| Belt Applications: | Accumulation belt; Baggage handling; Diverting belt; General conveying belt |
| Special Features: | Economical; Flame retardant to ASTM D-378; High tensile strength; High transversal rigidity; Low friction surface |
| Mode of Use/Conveyance: | Accumulation; Diverting; Horizontal; Side loading |

Product Design (enlarged)



Product Construction/Design

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| 1 Conveying Side (Material): | Polyester fabric (PET) impregnated with polyvinylchloride (PVC) |
| 1 Conveying Side (Surface): | Buffed/ground finish; Friction surface (impregnated) |
| 1 Conveying Side (Property): | Hard / non-adhesive |
| 1 Conveying Side (Color): | Black |
| 2 Traction Layer (Material): | Polyester fabric (PET) |
| Number of Fabrics: | 1 |
| 3 Running Side/Pulley Side (Material): | Polyester fabric (PET) impregnated with polyvinylchloride (PVC) |
| 3 Running Side/Pulley Side (Surface): | Buffed/ground finish; Friction surface (impregnated) |
| 3 Running Side/Pulley Side (Color): | Black |

Product Characteristics

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| Slider bed suitable: | Yes |
| Carrying rollers suitable: | Yes |
| Power turns, curved installations: | No |
| Nosebar suitable: | No |
| Permanently antistatic: | No |
| Metal detector suitable: | No |
| Flammability: | Flame retardant to ASTM D-378 |
| Food suitability, FDA conformance: | No use intended |
| Food suitability, USDA recommendations: | No use intended |
| Food suitability, EU conformance: | Not Applicable |

Technical Data

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| Thickness: | 5 mm | 0.195 in. |
| Mass of belt (belt weight): | 4.4 kg/m ² | 0.9 lbs./sq.ft |
| Nosebar Radius (minimum): | mm | in. |
| Pulley diameter (minimum): | 88.9 mm | 3.5 in. |
| Pulley diameter minimum with counter flexion: | 88.9 mm | 3.5 in. |
| Tensile force for 1.5% elongation (k1.5% static) per unit of width (Habasit standard QAD-WI-10-35): | 26 N/mm | 150 lbs./in. |
| Admissible tensile force per unit of width: | N/mm | 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: | [-] | [-] |
| 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.

Additional Technical Information

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| Chemical Resistance Class: | 3 (These indications are not guarantees of properties) |
| Installation and Handling Instructions: | Do not go below initial tension (epsilon) ~0.5%. |
| Limitations: | No dangers and limitations |

Legend

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|-------------|---|
| * | 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. |
| 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.) |

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