

Product Designation

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; High tensile strength; High transversal rigidity; Low friction surface
Mode of Use/Conveyance:	Accumulation; Diverting; Horizontal; Side loading

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)
1 Conveying Side (Surface):	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):	Friction surface (impregnated)
3 Running Side/Pulley Side (Color):	Black

Product Characteristics

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
Food suitability, USDA recommendations:	Not conformable
Food suitability, EU conformance:	

Technical Data

Thickness:	5.2 mm	0.205 in.
Mass of belt (belt weight):	5.9 kg/m ²	1.2 lbs./sq.ft
Nosebar Radius (minimum):	na mm	na in.
Pulley diameter (minimum):	101.6 mm	4.0 in.
Pulley diameter minimum with counter flexion:	101.6 mm	4.0 in.
Tensile force for 1.5% elongation (k1.5% static) per unit of width (Habasit standard QAD-WI-10-35):	35 N/mm	200 lbs./in.
Admissible tensile force per unit of width:	N/mm	lbs./in.
Operating temperature admissible (continuous):	Min -12 °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

Chemical Resistance Class:	3 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial tension (epsilon) ~0.5%.; Install the slack belt and tension until running perfectly under the full belt load.
Limitations:	No dangers and 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.
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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