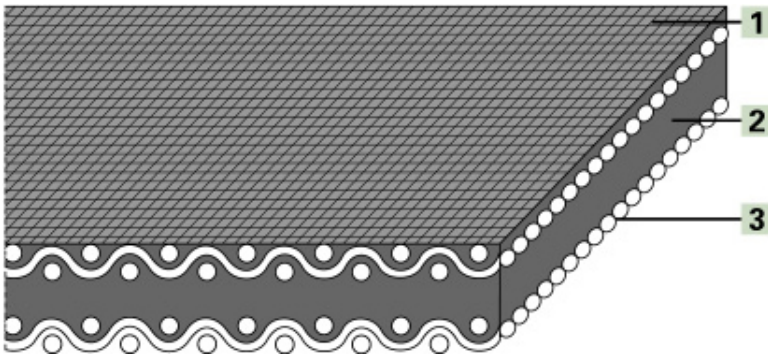


Product Designation

Product Group:	PVC conveyor and processing belts
Product Sub-Group:	N line belts for general conveying
Main Industry Segments:	Marble/stone/ceramics; Mechanical/apparatus engineering; Metal working; Parcel sorting; Postal/mail sorting
Belt Applications:	General conveying belt; Induction belt; Power turn belt; Spiral belt
Special Features:	Cut resistant; Powerturn suitable
Mode of Use/Conveyance:	Accumulation; Curved; Diverting; Horizontal

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)
1 Conveying Side (Surface):	Impregnated fabric
1 Conveying Side (Property):	Non-adhesive
1 Conveying Side (Color):	Dark green
2 Traction Layer (Material):	Polyester (PET) fabric
Number of Fabrics:	2
3 Running Side/Pulley Side (Material):	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)
3 Running Side/Pulley Side (Surface):	Impregnated fabric
3 Running Side/Pulley Side (Color):	Dark green

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Troughed installation suitable:	Yes
Power turns, curved installations:	Yes
Nosebar suitable:	No
Low noise applications:	Yes
Antistatically equipped:	Yes
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:	No use intended

Technical Data

Thickness:	2.4 mm	0.09 in.
Mass of belt (belt weight):	2.5 kg/m ²	0.51 lbs./sq.ft
Nosebar Radius (minimum):	NA mm	NA in.
Pulley diameter (minimum):	mm	3.1 in.
Pulley diameter minimum with counter flexion:	80 mm	3.1 in.
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	12 N/mm	69 lbs./in.
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	7 N/mm	40 lbs./in.
Admissible tensile force per unit of width:	12 N/mm	69 lbs./in.
Operating temperature admissible (continuous):	Min -10 °C Max 80 °C	Min 14 °F Max 176 °F
Coefficient of friction on slider bed of pickled steel sheet:	0.4 [-]	0.4 [-]
Seamless manufacturing width:	2750 mm	108 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

Chemical Resistance Class:	3 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial elongation (epsilon) ~ 0.3%
Limitations:	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.

Storage

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit. Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging.

Legend

	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.)

Disclaimer

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