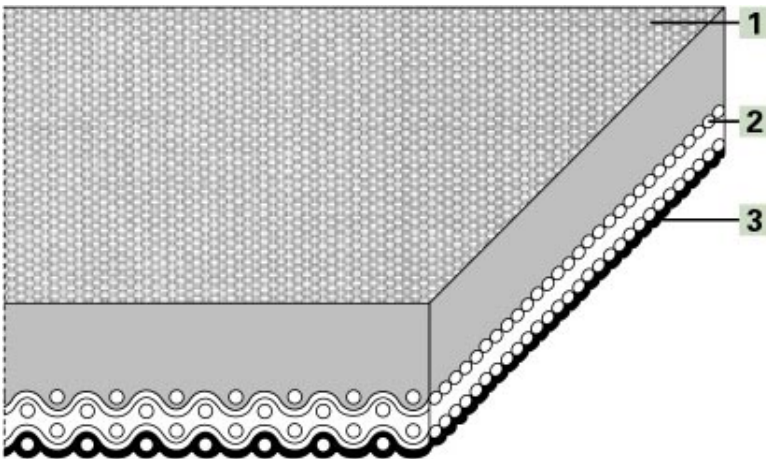


Product Designation

Product Group:	High duty conveyor and processing belts
Product Sub-Group:	Rubber conveyor and processing belts
Main Industry Segments:	Materials Handling; Packaging; Paper converting; Wood
Belt Applications:	General conveying belt; Processing belt
Special Features:	Abrasion resistant; Chemical resistant; Constant coefficient of friction; Forgiving in case of short term shock like overloads; High coefficient of friction surface
Mode of Use/Conveyance:	Declined; Horizontal; Inclined

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Acrylonitrile-Butadiene-Rubber (NBR)
1 Conveying Side (Surface):	Rough textile structure
1 Conveying Side (Property):	Adhesive
1 Conveying Side (Color):	Light green
2 Traction Layer (Material):	Polyamide (PA)
Number of Fabrics:	2
3 Running Side/Pulley Side (Material):	Polyurethane cross-linked (PUR)
3 Running Side/Pulley Side (Surface):	Impregnated fabric
3 Running Side/Pulley Side (Color):	Black

Product Characteristics

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

Technical Data

Thickness:	6.0 mm	0.24 in.
Mass of belt (belt weight):	6.8 kg/m ²	1.39 lbs./sq.ft
Nosebar Radius (minimum):	NA mm	NA in.
Pulley diameter (minimum):	80 mm	3.1 in.
Pulley diameter minimum with counter flexion:	90 mm	3.5 in.
Tensile force for 1% elongation (k1% static) per unit of width (Habasit Standard SOP3-155 / EN ISO21181):	14 N/mm	80 lbs./in.
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	6 N/mm	34 lbs./in.
Admissible tensile force per unit of width:	18 N/mm	103 lbs./in.
Operating temperature admissible (continuous):	Min 0 °C Max 100 °C	Min 32 °F Max 212 °F
Coefficient of friction on slider bed of pickled steel sheet:	0.20 [-]	0.2 [-]
Seamless manufacturing width:	2400 mm	94 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:	2 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial elongation (epsilon) ~0.5%.; Install the slack belt and tension until running perfectly under the full belt load.
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.)
JFRL	Japan Food Research Laboratory

Disclaimer

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