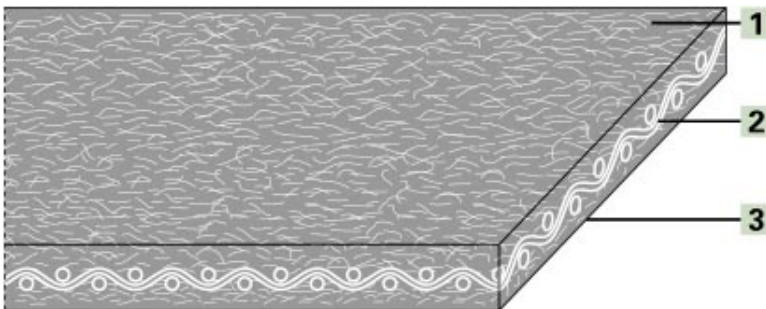


Product Designation

Product Group:	Nonwoven conveyor and processing belts
Product Sub-Group:	Ulti-Mate belts for general conveying
Main Industry Segments:	Airport; Aluminum extrusion; Automotive general; Baggage handling; Board manufacturing; Board panel industry; Car assembly; Cardboard converting; Cardboard manufacturing; Conveyors systems; Furniture manufacturing; General conveyor systems; Glass; Metal processing; Metal working; Panel boards; Paper and cardboard converting; Plastic manufacturing; Plywood manufacturing; Tire manufacturing
Belt Applications:	Abrasive applications; Baggage handling; Bridge elevator belt; Conveyor belt; Cutter belt; General conveying belt; Magnetic conveyor belt; Metal and plastic parts; Power turn belt; Stamping belt
Special Features:	Abrasion resistant on both sides; Abrasion resistant; Adhesive-free joint; Cut resistant; Damping behavior; Edges wear resistant; Flexibility in all directions; Good edge wear resistance; Good lace retention; Impact resistance; Low coefficient of friction; Low friction conveying side; Low friction reverse side; Low noise applications; No delamination; Non-adhesive; Non-marking; Non-fraying; Oil resistant; Quiet running; Reverse bending; Solvent resistant; Special oil resistance for metal working; Tracking behavior; Very good lateral stability
Mode of Use/Conveyance:	Carrying roller; Curved; Horizontal; Side loading; Slider bed

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Polyester (PET) fleece
1 Conveying Side (Surface):	Impregnated fleece
1 Conveying Side (Property):	Non-adhesive
1 Conveying Side (Color):	Light green
2 Traction Layer (Material):	Polyester (PET) scrim
Number of Fabrics:	1
3 Running Side/Pulley Side (Material):	Polyester (PET) fleece
3 Running Side/Pulley Side (Surface):	Impregnated fleece
3 Running Side/Pulley Side (Color):	Light green

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	Yes
Nosebar suitable:	No
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:	5.6 mm	0.220 in.
Mass of belt (belt weight):	3.4 kg/m ²	0.69 lbs./sq.ft
Nosebar Radius (minimum):	NA mm	NA in.
Pulley diameter (minimum):	100 mm	4.0 in.
Pulley diameter minimum with counter flexion:	100 mm	4.0 in.
Tensile force for 2% elongation (k2% static) per unit of width (Habasit standard QAD-WI-10-35):	26 N/mm	150 lbs./in.
Admissible tensile force per unit of width:	26 N/mm	150 lbs./in.
Operating temperature admissible (continuous):	Min -12 °C Max 80 °C	Min 10 °F Max 176 °F
Coefficient of friction on slider bed of pickled steel sheet:	0.35 [-]	0.35 [-]
Seamless manufacturing width:	2000 mm	78.74 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:	5 (These indications are not guarantees of properties)
Installation and Handling Instructions:	Do not go below initial elongation (epsilon) ~ 0.3%
Limitations:	Exposure to water may cause a foaming on the surface of the belt. This does not affect the physical properties of the belt but could result in a residue left on the conveyed articles. This residue is easily cleaned by use of a damp cloth.

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.)

Product Liability, Application Considerations

If the proper selection and application of Habasit products are not recommended by an authorized Habasit sales specialist, the selection and application of Habasit products, including the related area of product safety, are the responsibility of the customer. All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice. BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.