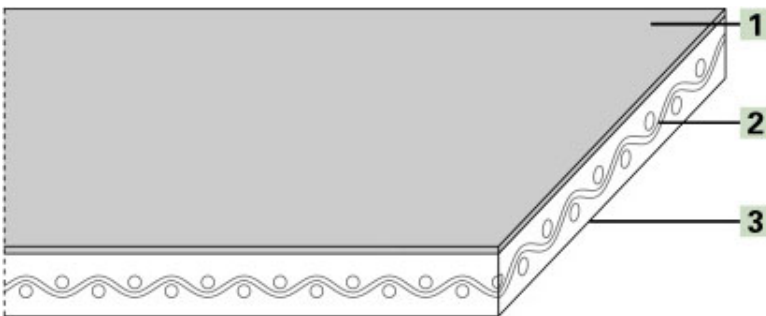


Product Designation

Product Group:	Nonwoven conveyor and processing belts
Product Sub-Group:	Polymate food conveyor belts
Main Industry Segments:	Convenience food; Fish processing; Frozen food; Meat; Poultry; Ready meals; Vegetables
Belt Applications:	Food processing/conveying belt
Special Features:	Antimicrobially equipped/efficient; Dimensionally stable; Food suitability (FDA conform); Good edge wear resistance; Good lace retention; Tracking behavior
Mode of Use/Conveyance:	Declined; Horizontal; Inclined

Product Design (enlarged)



Product Construction/Design

1 Conveying Side (Material):	Rubber modified TPE
1 Conveying Side (Surface):	Smooth
1 Conveying Side (Property):	Medium-adhesive
1 Conveying Side (Color):	White
2 Traction Layer (Material):	Polyester (PET) scrim
Number of Fabrics:	0
3 Running Side/Pulley Side (Material):	Polyester (PET) fabric
3 Running Side/Pulley Side (Surface):	Impregnated fleece
3 Running Side/Pulley Side (Color):	White

Product Characteristics

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Power turns, curved installations:	Yes
Nosebar suitable:	No
Low noise applications:	Yes
Antistatically equipped:	No
Metal detector suitable:	Yes
Flammability:	No specific flammability prevention property
Food suitability FDA:	Yes? acc. to 21CFR parts 170 - 199. Contact your Habasit representative for detailed information.
Food suitability USDA:	No use intended
Food suitability EU:	

Technical Data

Thickness:	3.4 mm	0.135 in.
Mass of belt (belt weight):	4.3 kg/m ²	0.89 lbs./sq.ft
Nosebar Radius (minimum):	NA mm	NA in.
Pulley diameter (minimum):	50 mm	2.0 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 SOP3-064):	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):	9 N/mm	51 lbs./in.
Admissible tensile force per unit of width:	24 N/mm	135 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:	0.2 [-]	0.2 [-]
Seamless manufacturing width:	1524 mm	60 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:	7 (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:	HyGUARD or HabaGUARD products are made for limited geographical use and therefore not for export.

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

*	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. 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.