

Main industry segments

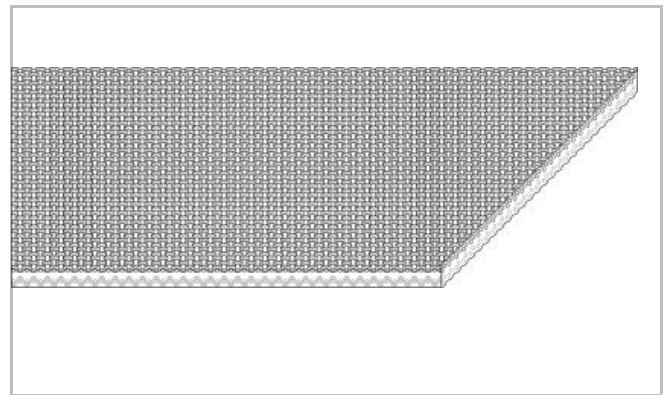
Farming and harvesting, Fruit, Primary food packaging, Vegetables

Applications

Accumulation belt, Diverting belt, Food processing/conveying belt, Treadliner belt

Special features

Antistatic



Product Construction / Design	
Conveying side material	Polyester (PET)
Conveying side surface	Fabric
Conveying side property	Non-adhesive
Conveying side color	White
Traction layer (material)	Polyester (PET)
Number of Fabrics	2
Pulley side material	Polyester (PET)
Pulley side surface	Fabric
Pulley side property	Non-adhesive
Pulley side color	White

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	Yes
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	Yes - acc. to 21CFR parts 170 - 199. Details/restrictions see Habasit food compliance declaration.
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	Yes - acc. to Regulation (EC) No. 1935/2004 as well as Regulation (EU) No. 10/2011 and/or other relevant food contact legislation. Details/restrictions see Habasit food compliance declaration.

Technical data		
Thickness of belt	1.6 mm	0.06 inch
Mass of belt (belt weight)	1.8 kg/m ²	0.369 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	10 N/mm	57 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	6.5 N/mm	37 lbf/in
Min. operating temperature admissible (continuous)	-10 °C	14 °F
Max. operating temperature admissible (continuous)	70 °C	158 °F
Coefficient of friction (running side / steel driving pulley)	0.15 -	
Coefficient of friction (running side / driving pulley with friction cover)	0.35 -	
Coefficient of friction (running side / pickled steel slider bed)	0.25 -	
Coefficient of friction (running side / phenolic resin slider bed)	0.15 -	
Coefficient of friction (running side / stainless steel slider bed)	0.15 -	
Seamless manufacturing width	3200 mm	126 inch

Joining related properties

Joining method	
Flexproof 10 x 80	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Flexproof 10 x 80
Pulley diameter (minimum)	mm inch	20 0.79
Pulley diameter minimum with counter flection	mm inch	30 1.18
Admissible tensile force per unit of width	N/mm lbf/in	9.5 54
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	5.5 31
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		No
Power turns / curved installations		No
Nosebar suitable		No
Low noise applications		No
Metal detector suitable		Yes

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

Chemical resistance

Link to 'Chemical resistance information': <http://www.habasit.com/en/chemical-resistance.htm>

Mode of use or conveyance

Horizontal

Calculations

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

Recommendation

Do not go below initial elongation (epsilon) ~ 0.3%

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.

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

Group	Fabric Surface Belts
Sub-Group	Bare Fabric Belts
Item number	H100066115

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