

Main industry segments

Glass, Paper printing and finishing

Applications

Cooling (line) belt, Food processing/conveying belt, Infeed belt, Paper handling belt, Trash belt

Special features

Temperature variation resistant

Product Construction / Design	
Conveying side material	Cotton (CO) / Polyester (PET) fabric
Conveying side surface	Fabric
Conveying side property	Non-adhesive
Conveying side color	Off-white
Traction layer (material)	Cotton (CO) / Polyester (PET) fabric
Number of Fabrics	3
Pulley side material	Cotton (CO) / Polyester (PET) fabric
Pulley side surface	Fabric
Pulley side color	Off-white

Product characteristics	
Antistatically equipped	No
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	No

Technical data		
Thickness of belt	2.9 mm	0.12 inch
Mass of belt (belt weight)	1.8 kg/m ²	0.370 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	12 N/mm	70 lbf/in
Min. operating temperature admissible (continuous)	-51 °C	-60 °F
Max. operating temperature admissible (continuous)	107 °C	225 °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)	0.20 -	
Seamless manufacturing width	1829 mm	72.00 inch

Permeability: 1.8 to 3.2 SCFM/Sq Ft @ 0.5" of Water

Joining related properties

Joining method
Mechanical joining
Sewn Joint

[Link to JDS:](#)

Joining method	Mechanical joining	Sewn Joint
Carrying rollers suitable	Yes	Yes
Troughed installation suitable	No	
Power turns / curved installations	No	

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

Accumulation, Slider bed, Troughed

Calculations

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

Recommendation

Install the slack belt and tension until running perfectly under the full belt load

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.

No danger and limitation

Group	Fabric Surface Belts
Sub-Group	Solid Woven Belts

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