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Main industry segments

Biscuit and Crackers, Bread, Glass, Grain, Horticulture, Paper printing and finishing

Applications

Cooling (line) belt, Dough belt, Dough rework 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 - Check Document of Compliance (DoC) in our Portal
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

Technical data			
Mass of belt (belt weight)	2.3	kg/m ²	0.470 lb/sqft
Max. operating temperature admissible (continuous)	107	°C	225 °F
Coefficient of friction (pulley side / steel driving pulley)	0.15	-	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-	
Coefficient of friction (pulley side / pickled steel slider bed)	0.20	-	

Woven to width

Joining related properties

Joining method	
Mecafast Spiro (plastic spiral and rod system)	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Mecafast Spiro (plastic spiral and rod system)
Pulley diameter (minimum)	mm <i>inch</i>	51 2.00
Pulley diameter minimum with counter flection	mm <i>inch</i>	51 2.00
Admissible tensile force per unit of width	N/mm <i>lbf/in</i>	13 75
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Knife-edge (nosebar) suitable		No
Metal detector suitable		No

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

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

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. Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

No danger and limitation

Group	Fabric Surface Belts
Sub-Group	Solid Woven Belts
Item number	H250000168

Disclaimer

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