

Food Belts SWP/2HS



Main industry segments

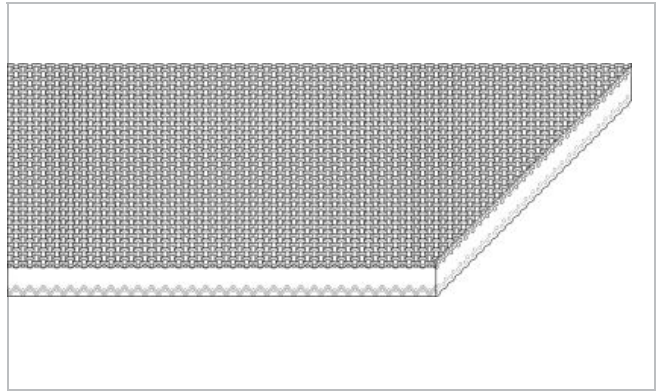
Biscuit and Crackers, Bread

Applications

Biscuit/Cookie pre-oven applications

Special features

Chemical resistant, Microwave resistant, Temperature variation resistant, UV resistant



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	No
Flammability	No specific flammability prevention property
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		
Thickness of belt	2.5 mm	0.10 inch
Mass of belt (belt weight)	1.8 kg/m ²	0.370 lb/sqft
Tensile force for 1% elongation after relaxation (k1 % relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	4.5 N/mm	26 lbf/in
Min. operating temperature admissible (continuous)	0 °C	32 °F
Max. operating temperature admissible (continuous)	154 °C	310 °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 -	
Coefficient of friction (pulley side / phenolic resin slider bed)	0.25 -	
Coefficient of friction (pulley side / stainless steel slider bed)	0.15 -	
Seamless manufacturing width	2184 mm	86.00 inch

Joining related properties

Joining method	
Sewn Joint	Master joining method for standard applications
Mechanical joining	Optional joining method

[Link to JDS:](#)

Joining method		Sewn Joint	Mechanical joining
Pulley diameter (minimum)	mm	25	25
	inch	1.00	1.00
Pulley diameter minimum with counter flection	mm	25	25
	inch	1.00	1.00
Slider bed suitable		Yes	Yes
Carrying rollers suitable		Yes	Yes
Troughed installation suitable		Yes	Yes
Powerturns / curved installations		No	No
Knife-edge (nosebar) suitable		No	No
Metal detector suitable		Yes	Yes

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

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	H250000212

Disclaimer

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