

Seamless Belts

P1.5PP-0.5S55S0.0N



Main industry segments

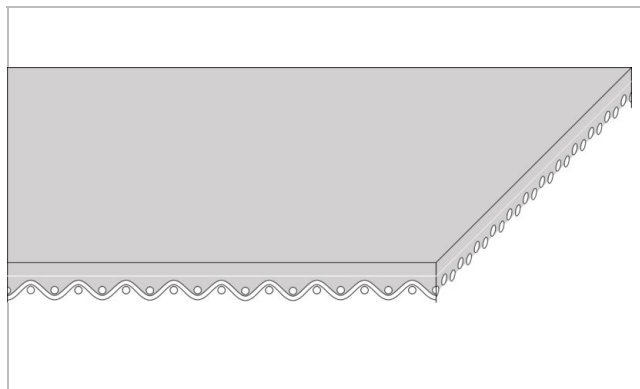
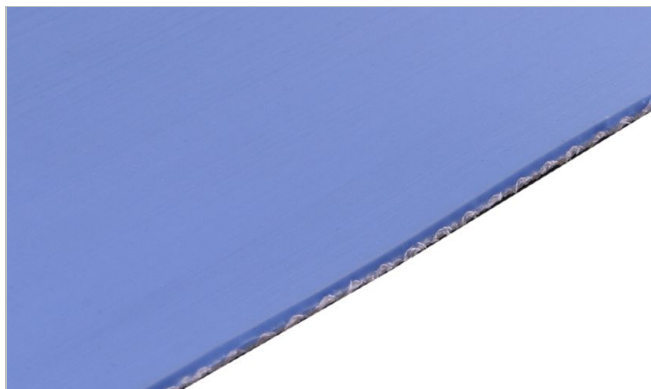
Biscuit and Crackers, Chemical industry, Chocolate, Frozen food

Applications

Delivery belt, Food processing/conveying belt, Incline belt, Processing belt, Shrink wrap, Weighing belt

Special features

Chemical resistant, Constant coefficient of friction, Dimensionally stable, Longitudinal flexibility



Product Construction / Design	
Conveying side material	Silicone (SI)
Conveying side surface	Smooth
Conveying side property	Super-adhesive
Conveying side color	Sky Blue
Traction layer (material)	Polyester (PET)
Pulley side material	Polyester (PET)
Pulley side surface	Fabric
Pulley side property	Non-adhesive
Pulley side color	Natural

Product characteristics	
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, EU conformance	Yes - Check Document of Compliance (DoC) in our Portal

Technical data		
Thickness of belt	2.0 mm	0.079 inch
Pulley diameter (minimum)	15 mm	0.59 inch
Pulley diameter minimum with counter flection	25 mm	0.98 inch
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	4.8 N/mm	27 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	1.8 N/mm	10 lbf/in
Min. operating temperature admissible (continuous)	-30 °C	-22 °F
Max. operating temperature admissible (continuous)	160 °C	320 °F

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

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Chemical resistance

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

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%

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)

Group	Endless Woven Belts General Conveying Belts
Item number	H950046977

Disclaimer

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