

Seamless Belts

P1.5PP-0.5S55S0.1U00T



Main industry segments

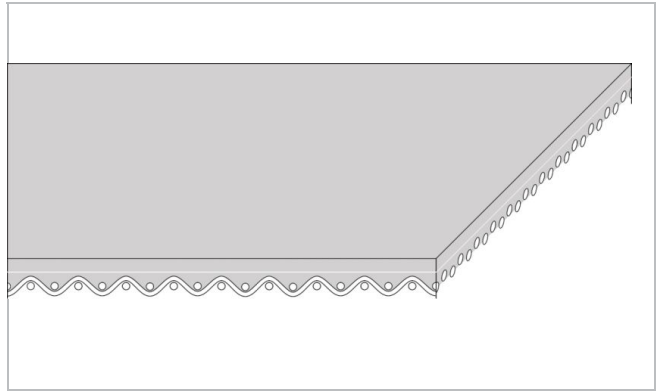
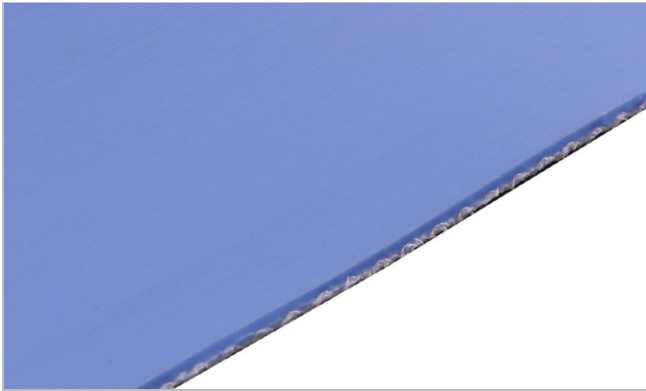
Biscuit and Crackers, Chemical industry, Chocolate, Frozen food

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	White
Traction layer (material)	Polyester (PET)
Pulley side material	Polyester (PET)
Pulley side surface	Impregnated fabric
Pulley side property	Medium-adhesive
Pulley side color	Transparent

Product characteristics	
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, EU conformance	Yes - acc. to Regulation (EC) No. 1935/2004 and other relevant food contact legislation. Details/restrictions see Habasit food compliance declaration.

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Technical data		
Mass of belt (belt weight)	2.0 kg/m ²	0.410 lb/sqft
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
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)	0.20 -	
Coefficient of friction (pulley side / stainless steel slider bed)	0.20 -	

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': <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
Sub-Group General Conveying Belts
Item number H950026437

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