



Main industry segments Baked snacks, Biscuit and Crackers

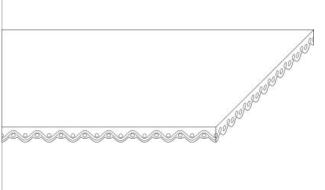
Applications

Biscuit/Cookie pre-oven applications, Rotary cutter belt

Special features

Abrasion resistant, Flexibility in all directions, Knife-edge (nosebar) suitable, Oil and fat resistant





Product Construction / Design			
Conveying side material	Thermoplastic polyurethane (TPU)		
Conveying side surface	Glossy		
Conveying side property	Adhesive		
Conveying side color	White		
Traction layer (material)	Polyester (PET)		
Number of Fabrics	1		
Pulley side material	Polyester (PET)		
Pulley side surface	Fabric		
Pulley side property	Non-adhesive		
Pulley side color	White		

Product characteristics			
Antistatically equipped	No		
Adhesive free joining method	Yes		
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	Yes - Check Document of Compliance (DoC) in our Portal		

Food Belts T15/PX

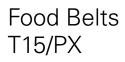


Technical data				
Thickness of belt	1.35	mm	0.05	inch
Mass of belt (belt weight)	1.2	kg/m²	0.246	lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	2.6	N/mm	15	lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	2.0	N/mm	11	lbf/in
Min. operating temperature admissible (continuous)	-30	°C	-22	°F
Max. operating temperature admissible (continuous)	100	°C	212	°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	-		
Seamless manufacturing width	1600	mm	62.99	inch

Joining related properties

Joining method				
Flexproof 10 x 80	Master joining method for standard applications			
Link to JDS:				
Joining method		Flexproof 10 x 80		
Knife-edge (nosebar) radius (minimum)	mm <i>inch</i>	4 0.157		
Pulley diameter (minimum)	mm <i>inch</i>	15 <i>0.59</i>		
Pulley diameter minimum with counter flection	mm <i>inch</i>	15 <i>0.59</i>		
Admissible tensile force per unit of width	N/mm <i>Ibf/in</i>	5.0 <i>29</i>		
Admissible tensile force per unit of width at max. operating temperature	N/mm Ibf/in	3.4 19		
Slider bed suitable		Yes		
Carrying rollers suitable		Yes		
Troughed installation suitable		Yes		
Powerturns / curved installations		Yes		
Low noise applications		No		
Metal detector suitable		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

Horizontal

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%

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"

Edge sealing by hot air required, This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 2014/34/EU) and therefore is subject to user's analysis in the respective environment

Group Sub-Group Item number **TPU Belts** General Purpose Belts H700001172

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