

Treadmill Belts

TMBE02451



Main industry segments

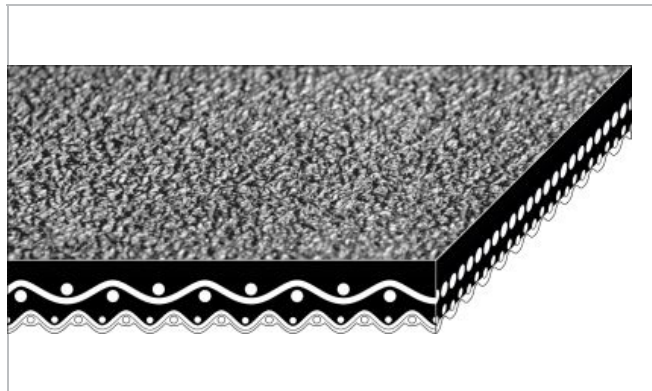
Treadmill

Applications

Treadmill belt

Special features

Maintenance-free



Product Construction / Design	
Conveying side material	Thermoplastic polyurethane (TPU)
Conveying side surface	Orange peel
Conveying side property	Adhesive
Conveying side color	Black
Traction layer (material)	Polyester (PET)
Number of Fabrics	2
Pulley side material	Polyester (PET)
Pulley side surface	Impregnated fabric
Pulley side color	Gray

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	Yes
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

Technical data		
Thickness of belt	1.6 mm	0.06 inch
Mass of belt (belt weight)	1.5 kg/m ²	0.307 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	7.5 N/mm	43 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	5.0 N/mm	29 lbf/in
Coefficient of friction (pulley side / phenolic resin slider bed)	0.10 -	
Seamless manufacturing width	2400 mm	94.49 inch

Joining related properties

Joining method	
Flexproof 20 x 80	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Flexproof 20 x 80
Pulley diameter (minimum)	mm inch	40 1.57
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.

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Chemical resistance

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

Mode of use or conveyance

Horizontal

Recommendation

Recommended initial elongation: 0.8%

Group	TPU Belts
Sub-Group	-
Item number	H800039043

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