Treadmill Belts TMBE0671



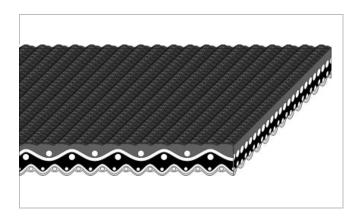
Main industry segments Treadmill

Applications

Treadmill belt

Special features

Constant and gentle positive grip, Laser markable



Product Construction / Design	
Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Grip structure
Conveying side property	Adhesive
Conveying side color	Anthracite
Traction layer (material)	Polyester (PET)
Number of Fabrics	2
Pulley side material	Polyester (PET)
Pulley side surface	Impregnated fabric
Pulley side property	Non-adhesive
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				

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Technical data					
Thickness of belt	4.8	mm	0.19	inch	
Mass of belt (belt weight)	4.3	kg/m²	0.881	lb/sqft	
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	8.0	N/mm	46	lbf/in	
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	5.5	N/mm	31	lbf/in	
Min. operating temperature admissible (continuous)	-10	°C	14	°F	
Max. operating temperature admissible (continuous)	60	°C	140	°F	
Coefficient of friction (pulley side / steel driving pulley)	0.10	-			
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-			
Coefficient of friction (pulley side / pickled steel slider bed)	0.15	-			
Coefficient of friction (pulley side / phenolic resin slider bed)	0.15	-			
Coefficient of friction (pulley side / stainless steel slider bed)	0.15	-			
Seamless manufacturing width	2800	mm	110.24	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	
Pulley diameter (minimum)	mm	30	
	inch	1.18	
Pulley diameter minimum with	mm	40	
counter flection	inch	1.57	
Admissible tensile force per unit of	N/mm	13	
width	lbf/in	74	
Admissible tensile force per unit of	N/mm	9.0	
width at max. operating	lbf/in	51	
temperature			
Slider bed suitable		Yes	
Carrying rollers suitable		Yes	
Troughed installation suitable		Yes	
Powerturns / curved installations		Yes	
Knife-edge (nosebar) suitable		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.

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Chemical resistance

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

Mode of use or conveyance

Horizontal, Inclined

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"

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 **PVC Belts**

Sub-Group

Item number H100066394

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