

Main applications

Flat belts are monolithic belts to convey goods in different applications or used as sideskirts. As an alternative they can be used as accessories for fabricated belts (i.e. as special cleats or sidewalls) or cover for timing belts.

Description

Habasit flat belts are produced with smooth or embossed surfaces in TPU, hydrolysis resistant TPU and PVC in different thicknesses from 1.35 mm to 7 mm. Right products have to be selected on the base of the specific application.



Product data

Technical data		
Material type	TPU Polyester	
Hardness	65 ShA	

Code	Item number	Color	Food grade	Width		Thickness of belt		Weight	
				mm		mm	inch	kg/m	lbs/ft
E-FB13-WT-C100	H090060139	Transparent	No	270.0		1.35	0.05	0.43	0.29
E-FB16-WT-C100	H090060082	Transparent	No	270.0		1.6	0.06	0.51	0.34
E-FB20-WT-C100	H090060083	Transparent	No	270.0		2.0	0.08	0.63	0.42
E-FB30-WT-C50	H090060084	Transparent	No	260.0		3.0	0.12	0.91	0.61
E-FB40-WT-C50	H090060085	Transparent	No	240.0		4.0	0.16	1.12	0.75
E-FB50-WT-C25	H090060086	Transparent	No	240.0		5.0	0.20	1.40	0.94

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>

Recommendation

General dimensional tolerance: $\pm 3\%$ or ± 0.20 mm (whichever is greater).

Disclaimer

Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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