

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 Polyether
Hardness	87 ShA
Geometry option	Inverted pyramid embossing on both sides (PN/PN)

Code	Item number	Color	Food grade	DoC Name	Width	Thickness of belt		Weight	
						mm	inch	kg/m	lbs/ft
E-FB13-HC-C100	H090060057	Cobalt blue	Yes	HC	270.0	1.35	0.05	0.41	0.27
E-FB13-HW-C100	H090060056	White	Yes	HW	270.0	1.35	0.05	0.41	0.27
E-FB22-HC-C100	H090060100	Cobalt blue	Yes	HC	270.0	2.2	0.09	0.67	0.45
E-FB22-HW-C100	H090060099	White	Yes	HW	270.0	2.2	0.09	0.67	0.45
E-FB50-HC-C25	H090060060	Cobalt blue	Yes	HC	240.0	5.0	0.20	1.34	0.90
E-FB50-HW-C25	H090060059	White	Yes	HW	240.0	5.0	0.20	1.34	0.90

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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