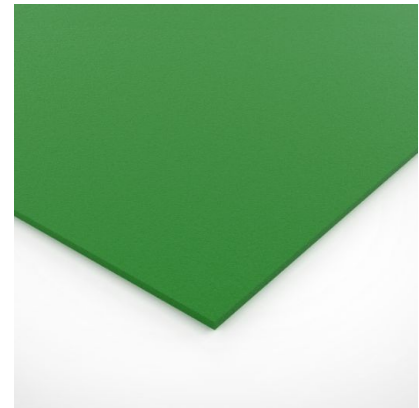


Main applications

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	85 ShA

Code	Item number	Color	Food grade	DoC Name	Width		Thickness of belt		Weight	
					mm		mm	inch	kg/m	lbs/ft
E-FB13-FC-C100	S090060046	Cobalt blue	Yes	FC	270.0		1.35	0.05	0.44	0.29
E-FB13-FG-C100	S090060040	Green	Yes	FG	270.0		1.35	0.05	0.44	0.29
E-FB13-FD-C100	S090060042	Dark green	Yes	FD	270.0		1.35	0.05	0.44	0.29
E-FB13-FW-C100	S090060041	White	Yes	FW	270.0		1.35	0.05	0.44	0.29
E-FB17-FW-C100	H090060096	White	Yes	FW	270.0		1.7	0.07	0.55	0.37
E-FB20-FC-C100	H090060079	Cobalt blue	Yes	FC	270.0		2.0	0.08	0.65	0.44
E-FB20-FT-C100	H090060134	Transparent	Yes	FT	270.0		2.0	0.08	0.65	0.44
E-FB20-FW-C100	H090060047	White	Yes	FW	270.0		2.0	0.08	0.65	0.44
E-FB30-FC-C50	H090060080	Cobalt blue	Yes	FC	260.0		3.0	0.12	0.94	0.63
E-FB30-FT-C50	H090060102	Transparent	Yes	FT	260.0		3.0	0.12	0.94	0.63
E-FB30-FW-C50	H090060097	White	Yes	FW	260.0		3.0	0.12	0.94	0.63
E-FB40-FD-C50	H090060129	Dark green	Yes	FD	240.0		4.0	0.16	1.15	0.77
E-FB40-FW-C50	H090060048	White	Yes	FW	240.0		4.0	0.16	1.15	0.77
E-FB50-FC-C25	H090060098	Cobalt blue	Yes	FC	240.0		5.0	0.20	1.44	0.97
E-FB50-FW-C25	H090060049	White	Yes	FW	240.0		5.0	0.20	1.44	0.97
E-FB50-FW-C50	H090060128	White	Yes	FW	240.0		5.0	0.20	1.44	0.97

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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