

# Detectable Flat Belts

## E-FB-F+M



### Main applications

Metal & X-Ray detectable 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 metal & X-Ray detectable flat belts are produced with smooth or embossed surfaces in different TPU 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
Material Option	X-Ray & Metal Detectable

Code	Item number	Color	Food grade	DoC Name	Width	Thickness of belt		Weight	
					mm	mm	inch	kg/m	lbs/ft
E-FB15-FC-C100+M	H950023690	Cobalt blue	Yes	FC+M	270.0	1.5	0.06	0.49	0.33
E-FB20-FC-C100+M	H950022577	Cobalt blue	Yes	FC+M	270.0	2.0	0.08	0.65	0.44
E-FB30-FC-C50+M	H950022852	Cobalt blue	Yes	FC+M	260.0	3.0	0.12	0.94	0.63
E-FB50-FC-C25+M	H950022853	Cobalt blue	Yes	FC+M	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  $\pm 0.20$  mm (whichever is greater).

### Disclaimer

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

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