

# Detectable Corrugated sidewalls

## E-HB-F+M



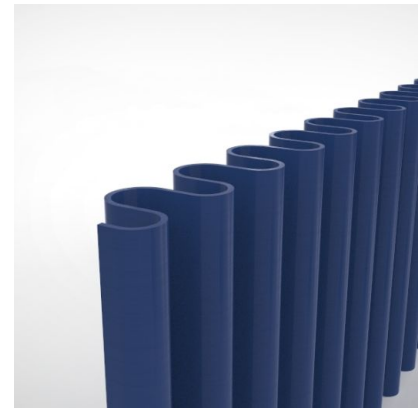
### Main applications

Longitudinally applied on the belt, this profile is used as a lateral barrier for bulky goods on ascending or descending conveyors in the food industry or in materials handling applications.

### Description

Metal & x-ray detectable corrugated side wall profile to be applied on TPU conveyor and processing belts. The belt length must always be a multiple of 25 mm and the belt width 150 mm in minimum.

Profiles are applied to the conveying side of a belt using a high-frequency welding process.



### 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	Height	Package	Quantity	Units	Box Content
					mm	mm				
E-HB270-FC-B40+M	H950028898	Cobalt blue	Yes	FC+M	1.3	270.0	Box	40	M	1 piece (270mm x 40m)

*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).

Minimum pulley diameter depending on the height of the corrugated side wall profile on the belt:

- H = 20 mm - Ø 40 mm
- H = 30 mm - Ø 60 mm
- H = 40 mm - Ø 80 mm
- H = 50 mm - Ø 95 mm

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