

# Detectable Smooth Elastic round belts

## E-RB-F+M+S

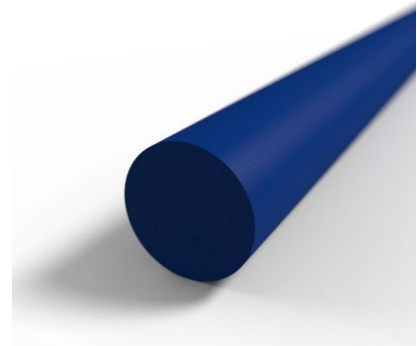


### Main application

Live roller drive belt, Power transmission belt

### Description

Elastic, Monolithic Belt, Abrasion resistant, Flexibility in all directions



### Product data

Technical data	
Material type	TPU Polyester
Hardness	85 ShA
Geometry option	Smooth
Material Option	X-Ray & Metal Detectable
Temperature correction factor	0.85
Min. operating temperature admissible (continuous)	-10 °C
Max. operating temperature admissible (continuous)	60 °C
Coefficient of friction on steel	0.40

Code	Item number	Color	Food grade	DoC Name	Ø
E-RB05-FC-C250+M+S	H950028467	Cobalt blue	Yes	FC+M	5 mm

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.

Code	Tensile force for 8% elongation (k8% static) (Habasit Standard SOP3-155 / EN ISO 21181):	Tensile force for 8% elongation after relaxation (k8% relaxed) (Habasit Standard SOP3-155 / EN ISO 21181):	Nominal peripheral force	Pulley diameter (minimum)
	N	N	N	mm
E-RB05-FC-C250+M+S	51	37	65	50

### 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).

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