

# Detectable Elastic round belts

## E-RB-F+M

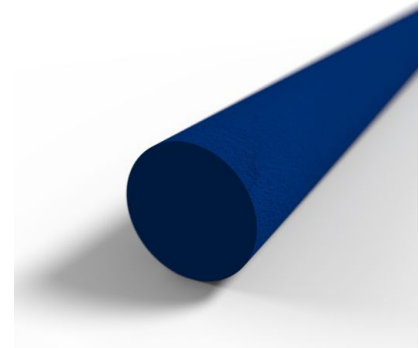


### Main application

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
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	Weight		
					Ø	kg/m	lbs/ft
E-RB04-FC-C250+M	H950021307	Cobalt blue	Yes	FC+M	4	0.02	0.01
E-RB05-FC-C250+M	H950021308	Cobalt blue	Yes	FC+M	5	0.02	0.01
E-RB06-FC-C250+M	H950021309	Cobalt blue	Yes	FC+M	6	0.03	0.02
E-RB08-FC-C200+M	H950021310	Cobalt blue	Yes	FC+M	8	0.06	0.04
E-RB10-FC-C100+M	H950021311	Cobalt blue	Yes	FC+M	10	0.09	0.06

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)	Minimum pulley diameter running side
	N	N	N	mm	mm
E-RB04-FC-C250+M	32	24	41	40	40
E-RB05-FC-C250+M	51	37	65	50	50
E-RB06-FC-C250+M	73	53	93	60	60
E-RB08-FC-C200+M	129	94	165	80	80
E-RB10-FC-C100+M	202	147	258	100	100

### Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

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## 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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