

Detectable Elastic round belts

E-RB-J+M

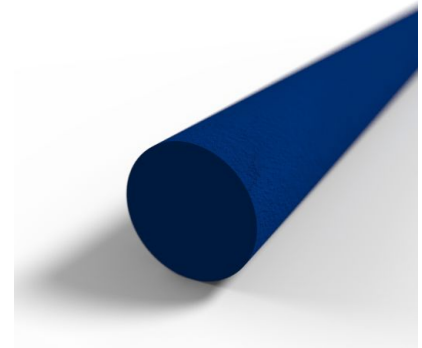


Main application

Live roller drive belt, Power transmission belt

Description

Elastic, Oil resistant, Monolithic Belt, Metal detectable, Abrasion resistant, Hydrolysis resistant, Flexibility in all directions, Simple and fast joining method



Product data

Technical data	
Material type	TPU Polyether
Hardness	95 ShA
Material Option	X-Ray & Metal Detectable
Temperature correction factor	0.85
Min. operating temperature admissible (continuous)	-20 °C
Max. operating temperature admissible (continuous)	50 °C
Coefficient of friction on steel	0.40

Code	Item number	Color	Food grade	DoC Name	Ø	Package	Quantity	Units	Weight
					mm				
					mm				
E-RB04-JC-C250+M	H950021312	Cobalt blue	Yes	JC+M	4	Coil	250	M	0.014
E-RB05-JC-C250+M	H950021313	Cobalt blue	Yes	JC+M	5	Coil	250	M	0.023
E-RB06-JC-C250+M	H950021314	Cobalt blue	Yes	JC+M	6	Coil	250	M	0.033
E-RB08-JC-C200+M	H950021315	Cobalt blue	Yes	JC+M	8	Coil	200	M	0.058
E-RB10-JC-C100+M	H950021316	Cobalt blue	Yes	JC+M	10	Coil	100	M	0.090

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	Pulley diameter (minimum)	Minimum pulley diameter running side
		mm
		mm
E-RB04-JC-C250+M	40	40
E-RB05-JC-C250+M	50	50
E-RB06-JC-C250+M	60	60
E-RB08-JC-C200+M	80	80
E-RB10-JC-C100+M	100	100

Chemical resistance

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

Recommendation

General dimensional tolerance: $\pm 3\%$ or ± 0.20 mm (whichever is greater).

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