

Reinforced Round belts E-RR-K

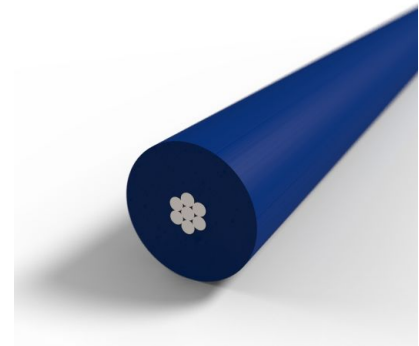


Main application

Live roller drive belt, Power transmission belt

Description

Low elasticity, Monolithic Belt, Abrasion resistant, Flexibility in all directions, Simple and fast joining method, Smooth and pore-free belt surface



Product data

Technical data	
Material type	TPU Polyester
Hardness	90 ShA
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	Ø	Package	Quantity	Units	Weight
				mm				
				kg				
E-RR04-KC-C250	S090033674	Cobalt blue	No	4	Coil	250	M	0.011
E-RR06-KC-C250	S090033676	Cobalt blue	No	6	Coil	250	M	0.030
E-RR10-KC-C100	H090033681	Cobalt blue	No	10	Coil	100	M	0.089
E-RR1/2-KC-C100	S090033682	Cobalt blue	No	12.70	Coil	100	M	0.146
E-RR12-KC-C100	S090033683	Cobalt blue	No	12	Coil	100	M	0.125
E-RR15-KC-C50	H950022606	Cobalt blue	No	15	Coil	50	M	0.200

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	Nominal peripheral force	Pulley diameter (minimum)	Minimum pulley diameter running side
		mm	mm
E-RR04-KC-C250	31	40	40
E-RR06-KC-C250	83	60	60
E-RR10-KC-C100	248	100	100
E-RR1/2-KC-C100	407	127	127
E-RR12-KC-C100	349	120	120
E-RR15-KC-C50	558	150	150

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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