

Reinforced Round belts

E-RR-J+S



Main application

Live roller drive belt, Power transmission belt

Description

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

Product data

Technical data	
Material type	TPU Polyether
Hardness	95 ShA
Geometry option	Smooth
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	Weight	
						kg/m	lbs/ft
E-RR10-JT-C100+S	H950022141	Transparent	Yes	JT	10		
E-RR1/2-JT-C100+S	H950019734	Transparent	Yes	JT	12.7	0.15	0.10

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-RR10-JT-C100+S	100	100
E-RR1/2-JT-C100+S	127	127

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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