

# Elastic round belts

## E-RB-H

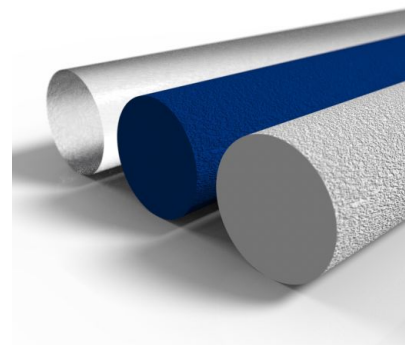


### Main application

Live roller drive belt, Power transmission belt

### Description

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



### Product data

Technical data	
Material type	TPU Polyether
Hardness	87 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	DoC Name	Ø	Weight	
						mm	kg/m
E-RB03-HC-C300	H090031186	Cobalt blue	Yes	HC	3	0.01	0.01
E-RB04-HC-C250	H090031187	Cobalt blue	Yes	HC	4	0.01	0.01
E-RB05-HC-C250	H090031185	Cobalt blue	Yes	HC	5	0.02	0.01
E-RB06-HC-C250	H090031188	Cobalt blue	Yes	HC	6	0.03	0.02
E-RB08-HC-C200	H090031189	Cobalt blue	Yes	HC	8	0.06	0.04
E-RB10-HC-C100	H090031190	Cobalt blue	Yes	HC	10	0.09	0.06
E-RB12-HC-C100	H090031191	Cobalt blue	Yes	HC	12	0.13	0.09
E-RB15-HC-C50	H950028671	Cobalt blue	Yes	HC	15		

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-RB03-HC-C300	13	9	15	30	30
E-RB04-HC-C250	23	15	27	40	40
E-RB05-HC-C250	36	24	42	50	50
E-RB06-HC-C250	52	34	61	60	60
E-RB08-HC-C200	92	61	108	80	80
E-RB10-HC-C100	143	95	169	100	100
E-RB12-HC-C100	206	136	244	120	120
E-RB15-HC-C50	322	213	381	150	150

### 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).

### Disclaimer

#### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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