

# Elastic round belts

## E-RB-F

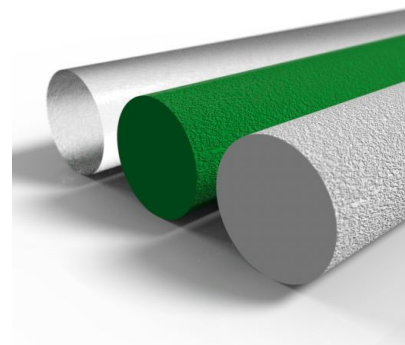


### Main application

Live roller drive belt, Power transmission belt

### Description

Elastic, Monolithic Belt, Flexibility in all directions



### Product data

Technical data	
Material type	TPU Polyester
Hardness	85 ShA
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	Ø	Package	Quantity	Units	Weight
					mm				kg
E-RB03-FW-C300	H090031143	White	Yes	FW	3	Coil	300	M	0.008
E-RB04-FW-C250	H090031144	White	Yes	FW	4	Coil	250	M	0.015
E-RB05-FW-C250	H090031145	White	Yes	FW	5	Coil	250	M	0.024
E-RB06-FW-C250	H090031146	White	Yes	FW	6	Coil	250	M	0.034
E-RB07-FW-C200	H090031147	White	Yes	FW	7	Coil	200	M	0.046
E-RB08-FW-C200	H090031148	White	Yes	FW	8	Coil	200	M	0.060
E-RB10-FW-C100	H090031149	White	Yes	FW	10	Coil	100	M	0.094
E-RB12-FW-C100	H090031150	White	Yes	FW	12	Coil	100	M	0.136
E-RB15-FW-C50	H090031151	White	Yes	FW	15	Coil	50	M	0.212

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-FW-C300	13	9	15	30	30
E-RB04-FW-C250	23	15	27	40	40
E-RB05-FW-C250	36	24	42	50	50
E-RB06-FW-C250	52	34	61	60	60
E-RB07-FW-C200	70	46	83	70	70
E-RB08-FW-C200	92	61	108	80	80
E-RB10-FW-C100	143	95	169	100	100
E-RB12-FW-C100	206	136	244	120	120
E-RB15-FW-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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