

# Polycord® Round belts

## P-RB-K

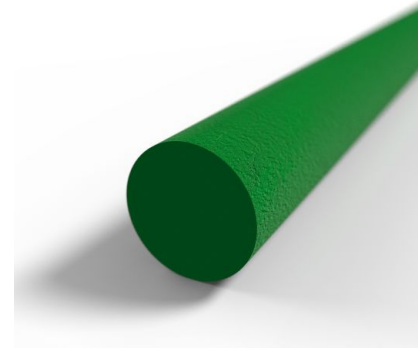


### Main application

Live roller drive belt, Power transmission belt

### Description

Elastic, Monolithic Belt, Abrasion resistant, Flexibility in all directions, Simple and fast joining method



### 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
P-RB02-KG-C600	H010100193	Green	No	2	Coil	600	m	0.004
P-RB03-KG-C300	H010100231	Green	No	3	Coil	300	m	0.008
P-RB03-KG-N600	H950021050	Green	No	3	Spool	600	m	0.008
P-RB04-KG-N250	H010100156	Green	No	4	Spool	250	m	0.015
P-RB04-KG-N1000	H950021052	Green	No	4	Spool	1000	m	0.015
P-RB05-KG-N250	H010100191	Green	No	5	Spool	250	m	0.023
P-RB05-KG-N500	H950021053	Green	No	5	Spool	500	m	0.023
P-RB06-KG-N250	H010100324	Green	No	6	Spool	250	m	0.033
P-RB06-KG-N400	H950021054	Green	No	6	Spool	400	m	0.033
P-RB07-KG-N200	H010100431	Green	No	7	Spool	200	m	0.045
P-RB08-KG-N200	H010100432	Green	No	8	Spool	200	m	0.059
P-RB08-KG-N220	H950021056	Green	No	8	Spool	220	m	0.059
P-RB09-KG-N200	H010100293	Green	No	9	Spool	200	m	0.075
P-RB10-KG-N100	H010100268	Green	No	10	Spool	100	m	0.093
P-RB12-KG-N100	H010100460	Green	No	12	Spool	100	m	0.133
P-RB15-KG-N50	H010100172	Green	No	15	Spool	50	m	0.209

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
P-RB02-KG-C600	8	6	10	20	20
P-RB03-KG-C300	18	13	23	30	30
P-RB03-KG-N600	18	13	23	30	30
P-RB04-KG-N250	32	24	41	40	40
P-RB04-KG-N1000	32	24	41	40	40
P-RB05-KG-N250	51	37	65	50	50
P-RB05-KG-N500	51	37	65	50	50
P-RB06-KG-N250	73	53	93	60	60
P-RB06-KG-N400	73	53	93	60	60
P-RB07-KG-N200	99	72	127	70	70
P-RB08-KG-N200	129	94	165	80	80
P-RB08-KG-N220	129	94	165	80	80
P-RB09-KG-N200	164	117	209	90	90
P-RB10-KG-N100	202	147	258	100	100
P-RB12-KG-N100	291	212	372	120	120
P-RB15-KG-N50	455	331	582	150	150

### Chemical resistance

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

### Disclaimer

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