

Round Belts

P-RB10-KG-N100 (Polycord R-10)

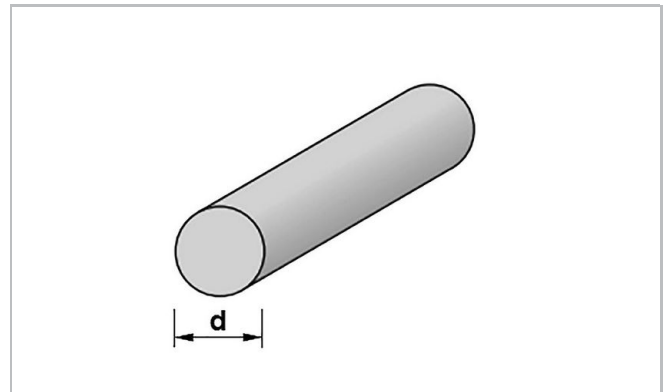
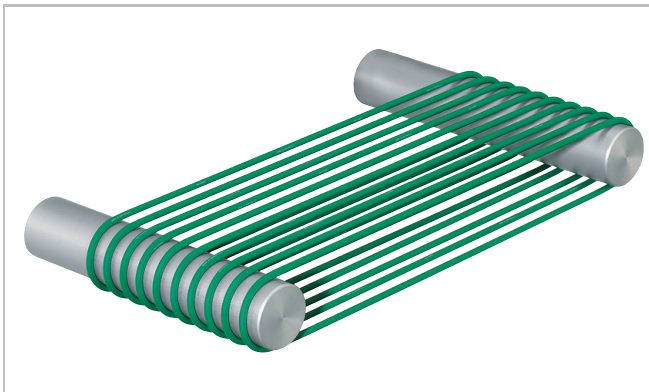


Applications

Live roller drive belt, Power transmission belt

Special features

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



Product Construction / Design	
Friction Material	Thermoplastic polyurethane (TPU)
Friction surface structure	Sand finish
Friction cover color	Green (Habasit green)
Traction Material	Thermoplastic polyurethane (TPU)

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	Yes
Food suitability, FDA conformance	No
Food suitability, EU conformance	No

Technical data			
Hardness	90	Shore A	
Diameter (d):	10	mm	0.39 inch
Weight per length:	0.094	kg/m	0.063 lbs/ft
Tensile force for 8% elongation (k8% static) (Habasit Standard SOP3-155 / EN ISO 21181):	202	N	45 lbf
Tensile force for 8% elongation after relaxation (k8% relaxed) (Habasit Standard SOP3-155 / EN ISO 21181):	147	N	33 lbf
Nominal peripheral force	258	N	58 lbf
Min. operating temperature admissible (continuous)	-20	°C	-4 °F
Max. operating temperature admissible (continuous)	50	°C	122 °F
Coefficient of friction on steel	0.40		

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

Joining related properties

Joining method		Quickmelt
Pulley diameter (minimum)	mm inch	100 3.94

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Chemical resistance

Link to 'Chemical resistance information': <http://www.habasit.com/en/chemical-resistance.htm>

Mode of use or conveyance

Declined, Horizontal, Inclined, Serpentine drives, Twists, Twists with short center distance

Recommendation

See Engineering Manual

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit, Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging.

This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 94/9) and therefore is subject to user's analysis in the respective environment

Group	Extruded Belts
Sub-Group	Polycord Round Belts
Item number	H010100268

Disclaimer

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