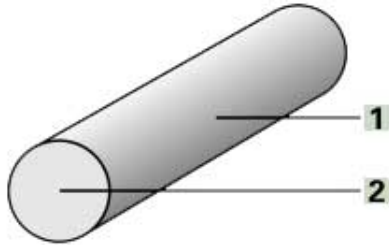


Product Designation

Product Group:	Habicord round belts
Product Sub-Group:	Habibblue round belts
Main Industry Segments:	Food conveying/processing in general
Belt Applications:	Diverting belt; General conveying belt; Transfer belt
Special Features:	Abrasion resistant; Chemical resistant; Flexibility; Hydrolysis resistant; Low initial tension; Oil resistant; Small pulley diameter suitable; Water resistant
Mode of Use/Conveyance:	Omnidirectional

Product Design (enlarged)



Product Construction/Design

1 Friction material:	Thermoplastic polyurethane (TPU)
1 Friction surface structure:	Matt
1 Friction cover (Color):	Cobalt blue
2 Traction Layer (Material):	Thermoplastic polyurethane (TPU)

Technical Data

Diameter (d):	4 mm	0.157 in.
Mass of belt (belt weight):	0.0101 kg/m	0.0068 lbs./ft.
Pulley diameter (minimum):	40 mm	1.6 in.
Tensile force for 8% elongation (k8% static) (Habasit standard SOP3-064):	23 N	5 lbf
Nominal peripheral force:	N	lbs.
Operating temperature admissible (continuous):	Min -10 °C Max 50 °C	Min 14 °F Max 122 °F
Coefficient of friction on steel (roughness CLA max 1.6 micrometer):	0.4	

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

Additional Technical Information

Chemical Resistance Class:	6 (These indications are not guarantees of properties)
Installation and Handling Instructions:	
Limitations:	This belt is not designed for power transmission purposes. For demanding application we recommend to contact Habasit for a detailed calculation.

Storage

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.

Legend

*	No calculation Value
2)	Product containing different coating materials such as elastomer, natural fibers, silicones, etc., are not subject to the directive 2002/72/EC
3)	CLA: Coordination of the centre line-average value Ra (in the US also Arithmetical Average (AA)) to the maximum peak to valley height Rt for surfaces manufactured by chip removal.
8)	Due to high coefficient of friction of running/pulley side, the suitability for use on slider beds is limited German federal institute for risk assessment (Bundesinstitut fuer Risikobewertung)
EEC	European Economic Community
EU	European Union (Directive 2002/72/EC)
FDA	Food and Drug Administration
NA	Not available
NAP	Not applicable
USDA	United States Department of Agriculture (Food Safety and Inspection Service, Washington D.C.)

Disclaimer

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