

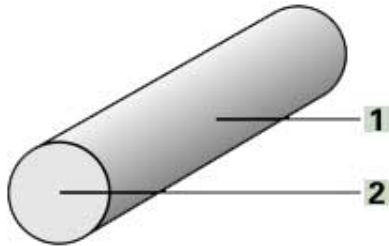
Habasit Product Data Sheet

Habibblue 5 FDA

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):	5 mm	0.197 in.
Mass of belt (belt weight):	0.0158 kg/m	0.0106 lbs./ft.
Pulley diameter (minimum):	50 mm	2 in.
Tensile force for 8% elongation (k8% static) (Habasit standard SOP3-064):	35 N	8 lbf
Nominal peripheral force:	N/mm	lbs./in.
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.