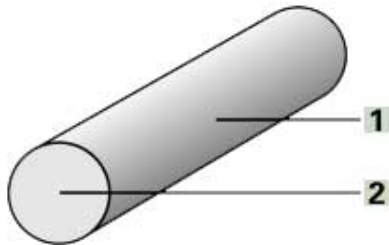


Product Designation

| | |
|-------------------------|---|
| Product Group: | Polycord round belts |
| Product Sub-Group: | Polycord round belts |
| Main Industry Segments: | Applicable in all industry segments |
| Belt Applications: | General conveying belt; Power transmission belt |
| Special Features: | Elastic; Flexibility in all directions; Monolithic Belt; Simple and fast joining method |
| Mode of Use/Conveyance: | Declined; Horizontal; Inclined; Serpentine drives; Twists with short center distance |

Product Design (enlarged)



Product Construction/Design

| | |
|-------------------------------|----------------------------------|
| 1 Friction material: | Thermoplastic polyurethane (TPU) |
| 1 Friction surface structure: | Rough structure |
| 1 Friction cover (Color): | Green (Habasit green) |
| 2 Traction Layer (Material): | Thermoplastic polyurethane (TPU) |

Technical Data

| | | |
|--|-------------------------|-------------------------|
| Diameter (d): | 6 mm | 0.236 in. |
| Mass of belt (belt weight): | 0.034 kg/m | 0.0228 lbs./ft. |
| Pulley diameter (minimum): | 60 mm | 2.4 in. |
| Tensile force for 8% elongation (k8% static) (Habasit standard SOP3-064): | 50 N | 11 lbf |
| Nominal peripheral force: | 34 N | 8 lbs. |
| Operating temperature admissible (continuous): | Min -20 °C Max 50 °C | Min -4 °F Max 122 °F |
| Coefficient of friction on steel (roughness CLA max 1.6 micrometer): | 0.3 | |

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: | Link to 'Chemical resistance information': http://www.habasit.com/en/chemical-resistance.htm For additional details, please contact your local Habasit representative. |
| Installation and Handling Instructions: | See Engineering Manual |
| Limitations: | 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. |

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

Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

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