

Belt data

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|---|---------------------------------------|
| Nominal pitch | 1.984 inch (50.4 mm) |
| Tensile member | Aramide |
| Elastomer | TPU / 95 Shore A / blue |
| Conveying side (surface) | smooth blank |
| Minimal width of belt | 6.0 inch (152.4 mm) |
| Maximal width of belt | 24.0 inch (610 mm) |
| Distance of cords | 0.59 inch (15.0 mm) |
| Nominal tensile strength per unit of width - joined belt* | 550 lbf/ft (8.0 N/mm) |
| Mass of belt | 0.88 lb/sqft (4.3 kg/m ²) |
| Operating temperature admissible (continuous) | -22 °F - 176 °F (-30 °C - 80 °C) |
| Minimum length of joined belt with standard tools | 48.0 inch (1220 mm) |

The nominal tensile strength is valid for 23 °C (73 °F). The admissible tensile force depends on the operating temperature near the drive sprockets. Within the temperature range allowed, the admissible tensile force may vary from 100% to 50% of the nominal tensile strength.

*For **belts equipped with a mechanical joint** the nominal tensile strength is limited to 275 lbf/ft (4.0 N/mm)

For **detailed information about material properties and correct calculation** of effective tensile force contact your local Habasit partner.

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.

Food suitability, FDA conformance: Yes, 21CFR, details/restrictions see Habasit Food compliance declaration.

Food suitability, EU conformance: Yes, acc. to Regulation (EC) No. 1935/2004 and Regulation (EU) No 10/2011 as amended.

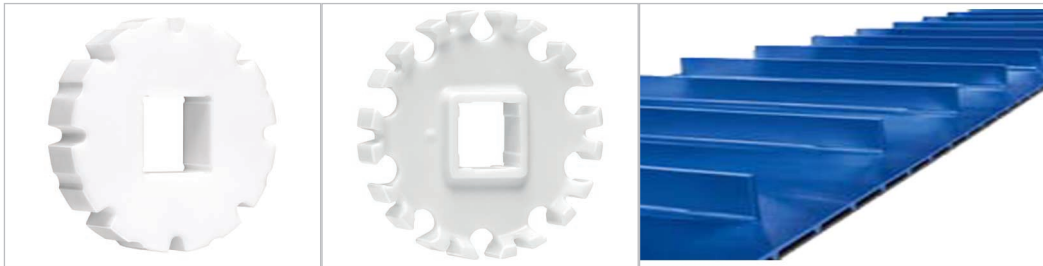
Food suitability, USDA recommendations: USDA AMS dairy; for compliance with USDA Dairy Equipment Guidelines and 3-A sanitary standard 20-xx. Certification is valid only if belt edges are sealed with the same material as used for the product contact surface and cleats, v-guides etc meet the standard. Please contact your Habasit representative for further questions.

Food suitability, USDA recommendations: USDA AMS meat & poultry; for compliance with standard NSF/ANSI/3-A 14159-3. Certification is valid only if belt edges are sealed and cleats, v-guides etc meet the standard. Please contact your Habasit representative for further questions.

Design recommendations

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| Minimal pitch diameter for driving sprockets | 3.2 inch (80.8 mm) |
| Minimal pitch diameter for idling sprockets | 3.2 inch (80.8 mm) |
| Minimal back-bending roller diameter for center drive configuration | 4 inch (100 mm) |
| Minimal diameter for belt support roller | 3 inch (75 mm) |

Accessories



Sprockets
Habasit Cleandrive™ series

Sprockets
Habasit Cleandrive™ HyCLEAN series

Profiles
Longitudinal and transversal profiles

Disclaimer

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

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