

Belt data

Nominal pitch	1.055 inch (26.8 mm)
Tensile member	Aramide
Elastomer	TPU / 95 Shore A / white
Conveying side (surface)	smooth blank
Minimal width of belt	1.77 inch (45 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*	410 lbf/ft (6.0 N/mm)
Mass of belt	0.59 lb/sqft (2.9 kg/m ²)
Operating temperature admissible (continuous)	-22 °F - 176 °F (-30 °C - 80 °C)
Minimum length of joined belt with standard tools	27.5 inch (700 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 205 lbf/ft (3.0 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

Minimal pitch diameter for driving sprockets	2.37 inch (60.1 mm)
Minimal pitch diameter for idling sprockets	1.69 inch (43.0 mm)
Minimal back-bending roller diameter for center drive configuration	3 inch (75 mm)
Minimal diameter for belt support roller	2 inch (50 mm)

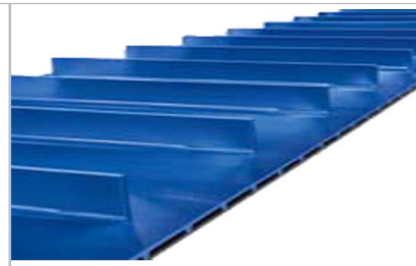
Accessories



Sprockets
Habasit Cleandrive™ series



Sprockets
Habasit Cleandrive™ HyCLEAN series



Profiles
Longitudinal and transversal profiles

Disclaimer

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