

### Belt data

Nominal pitch	1.99 inch (50.5 mm)
Tensile member	Aramide
Elastomer	TPU / 95 Shore A / white
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 <sup>2</sup> )
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 **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, Regulation (EC) No. 1935/2004 and Directive 2002/72/EC as amended, details/restrictions see Habasit Food compliance declaration.

**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	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)

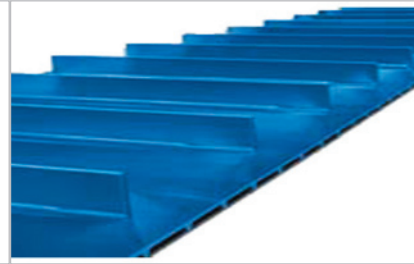
## Accessories



**Sprockets**  
Habasit Cleandrive™ series



**Sprockets**  
Habasit Cleandrive™ HyCLEAN series



**Profiles**  
Longitudinal and transversal profiles

### Product liability, application considerations

If the proper selection and application of Habasit products are not recommended by an authorized Habasit sales specialist, the selection and application of Habasit products, including the related area of product safety, are the responsibility of the customer.

All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.

BECAUSE CONDITIONS OF USE ARE OUTSIDE OF HABASIT'S AND ITS AFFILIATED COMPANIES CONTROL, WE CANNOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS MENTIONED HEREIN. THIS ALSO APPLIES TO PROCESS RESULTS / OUTPUT / MANUFACTURING GOODS AS WELL AS TO POSSIBLE DEFECTS, DAMAGES, CONSEQUENTIAL DAMAGES, AND FURTHER-REACHING CONSEQUENCES.

### Warning

Habasit belts and chains are made of various plastics that WILL BURN if exposed to sparks, incendiaries, open flame or excessive heat. NEVER expose plastic belts and chains to a potential source of ignition. Flames resulting from burning plastics may emit TOXIC SMOKE and gasses as well as cause SERIOUS INJURIES and PROPERTY DAMAGE.

Habasit Item Number: H010102841  
Customs Tariff Number: 3921.90