

Habasit® Cleandrive positive drive CD.M25.S-UA.WBL



Main industry segments

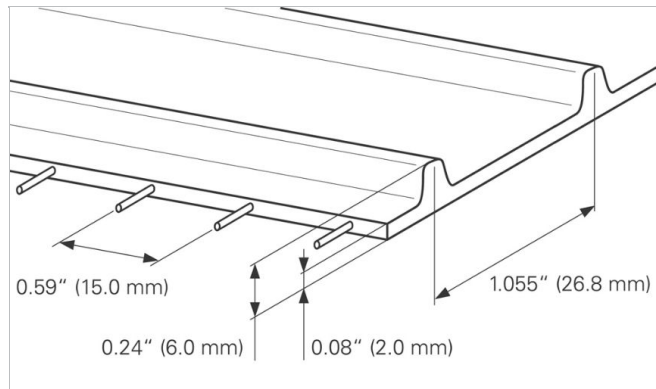
Bread, Candy, Chocolate, Dairy (incl. cheese), Frozen food, Fruit, Pizza, Poultry, Ready meals, Red meat, Seafood, Vegetables

Applications

Food processing/conveying belt

Special features

Flexibility, Low temperature applications



| Product Construction / Design | |
|-------------------------------|----------------------------------|
| Material | Thermoplastic polyurethane (TPU) |
| Color | White |
| Conveying side surface | Glossy |
| Conveying side property | Adhesive |
| Traction layer (material) | Aramid cords |
| Pulley side surface | Drive bars |

| Product characteristics | |
|---|---|
| Antistatically equipped | No |
| Conveying side conductive surface acc. EN ISO | No |
| Slider bed suitable | Yes |
| Carrying rollers suitable | No |
| UV-C suitable | No |
| Laser markable | No |
| Flammability | No specific flammability prevention property |
| Food suitability, EU conformance | Yes - acc. to Regulation (EC) No. 1935/2004 as well as Regulation (EU) No. 10/2011 and/or other relevant food contact legislation. Details/restrictions see Habasit food compliance declaration. |
| Food suitability, FDA conformance | Yes - Check Document of Compliance (DoC) in our Portal |
| Food suitability, USDA recommendations | USDA certified for compliance with USDA Dairy Equipment Guidelines and NSF/ANSI/3-A 14159-3 standard for Meat and Poultry Processing. Certification is valid only if belt edges are sealed or belt cords are not exposed and when optional belt accessories like cleats, v-guides and scoops comply with the applicable FDA regulations for the conveyed product. Contact your Habasit representative for detailed information. |
| Other conformance/approval | Japanese Food Regulation (MHLW Notification No. 370) |

| Technical data | | | |
|--|------|-------------------|---------------|
| Hardness | 90 | ShA | |
| Thickness of belt | 2.0 | mm | 0.08 inch |
| Distance between cords | 15 | mm | 0.59 inch |
| Nominal drive bar pitch | 26.8 | mm | 1.055 inch |
| Mass of belt (belt weight) | 3.1 | kg/m ² | 0.635 lb/sqft |
| Min. operating temperature admissible (continuous) | -30 | °C | -22 °F |
| Max. operating temperature admissible (continuous) | 70 | °C | 158 °F |
| Coefficient of friction (pulley side / PE wearstrips) | 1.00 | - | |
| Coefficient of friction (pulley side / stainless steel slider bed) | 0.80 | - | |
| Coefficient of friction (conveying side / PE wearstrips) | 1.00 | - | |
| Minimal width of belt | 150 | mm | 6 inch |
| Seamless manufacturing width | 1810 | mm | 71.26 inch |

Joining related properties

| Joining method | |
|---------------------------|---|
| Quickmelt | Master joining method for standard applications |
| Mechanical Lace (SS Rod) | Optional joining method |
| Mechanical Lace (POM Rod) | Optional joining method |

[Link to JDS:](#)

| Joining method | | Quickmelt | Mechanical Lace (SS Rod) | Mechanical Lace (POM Rod) |
|---|----------------|--------------|--------------------------|---------------------------|
| Minimal pitch diameter for driving sprockets | mm inch | 60.1 2.37 | 60.1 2.37 | 60.1 2.37 |
| Minimal pitch diameter for idling sprockets | mm inch | 43.0 1.69 | 43.0 1.69 | 43.0 1.69 |
| Minimal back-bending roller diameter for center drive configuration | mm inch | 75 3 | 75 3 | 75 3 |
| Minimal diameter for belt support roller | mm inch | 50 2 | 50 2 | 50 2 |
| Admissible tensile force per unit of width | N/mm lbf/in | 6.0 34 | 3.0 17 | 1.8 10 |
| Troughed installation suitable | | Yes | No | No |
| X-Ray / Metal detectable material | | No | No | No |
| X-Ray / Metal detector suitable | | Yes | No | Yes |

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554). Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

Calculations

Please ask your local Habasit partner to calculate your needs for you and receive the best advise specially suited for your application.

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Recommendation

See Engineering Manual

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. Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

This product has not been tested according to ATEX standards (atmospheres with explosion risk - ATEX 95 regulation or EU directive 2014/34/EU) and therefore is subject to user's analysis in the respective environment

Accessories



Sprockets

Habasit® Cleandrive series

Sprockets

Habasit® Cleandrive HyCLEAN series

Profiles

Longitudinal and transversal profiles

Group

Habasit Cleandrive Positive Drive

Sub-Group

Habasit® Cleandrive Belt Series CD25

Item number

H950024970

Disclaimer

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

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