

# Cleandrive Postitive Drive Belts

## CD.M25.S-UA.CBL



### Main industry segments

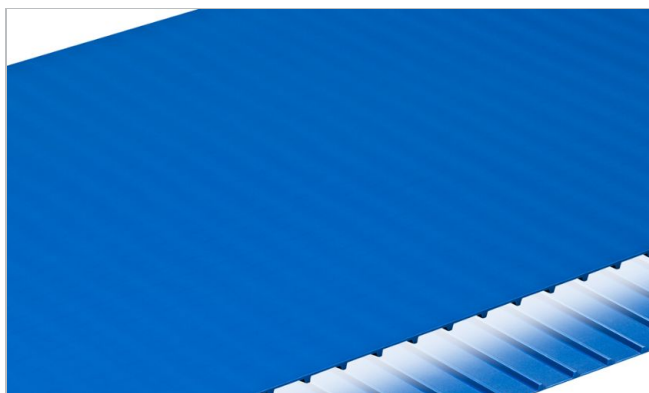
Bread, Candy, Chocolate, Dairy (incl. cheese), Frozen food, Fruit, Pizza, Poultry, Ready meals, Red meat, Seafood, Vegetables

### Applications

Food processing/conveying belt

### Special features

Flexibility, Low temperature applications



| Product Construction / Design |                                  |
|-------------------------------|----------------------------------|
| Material                      | Thermoplastic polyurethane (TPU) |
| Color                         | Cobalt blue                      |
| 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), Rice grain elevators                                                                                                                                                                                                                                                                                                                                                      |

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| Technical data                                             |      |                   |               |
|------------------------------------------------------------|------|-------------------|---------------|
| Hardness                                                   | 90   | Shore A           |               |
| 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)                                 | 3.4  | kg/m <sup>2</sup> | 0.696 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 sliding support) | 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<br>inch     | 60.1<br>2.37 | 60.1<br>2.37             | 60.1<br>2.37              |
| Minimal pitch diameter for idling sprockets                         | mm<br>inch     | 43.0<br>1.69 | 43.0<br>1.69             | 43.0<br>1.69              |
| Minimal back-bending roller diameter for center drive configuration | mm<br>inch     | 75<br>3      | 75<br>3                  | 75<br>3                   |
| Minimal diameter for belt support roller                            | mm<br>inch     | 50<br>2      | 50<br>2                  | 50<br>2                   |
| Admissible tensile force per unit of width                          | N/mm<br>lbf/in | 6.0<br>34    | 3.0<br>17                | 1.8<br>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

Store spare belts in a cool and dry place and if possible in their original packaging. Protect spare belts from sunlight/UV-radiation/dust/dirt! 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



**Sprockets**

Habasit® Cleandrive HyCLEAN series

**Sprockets**

Habasit® Cleandrive HyCLEAN series

**Profiles**

Longitudinal and transversal profiles

Group

Cleandrive Positive Drive

Sub-Group

Cleandrive Belt Series CD25

Item number

H950024953

### Disclaimer

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

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