

# Cleandrive Friction Drive Belts

## CD.F30-A-UW+PN

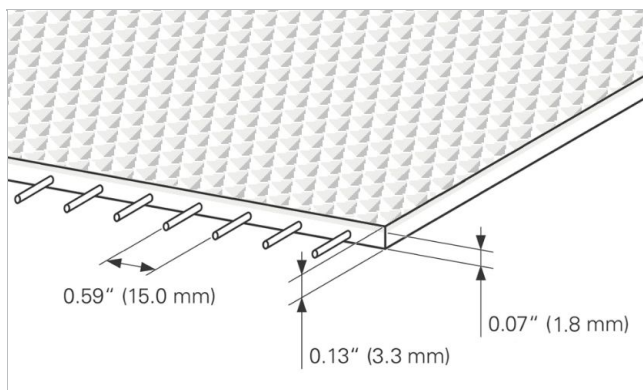
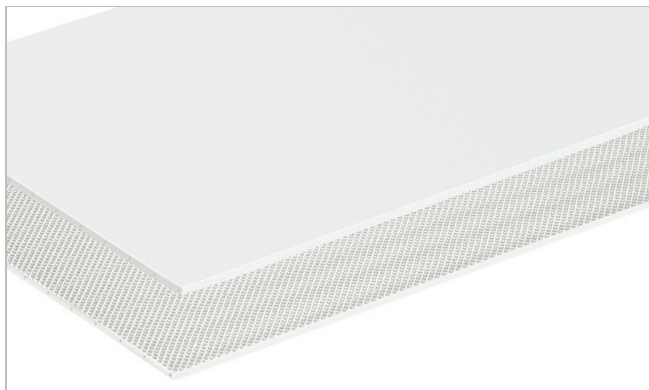


### Main industry segments

Dairy (incl. cheese), Fruit, Poultry, Red meat, Vegetables

### Special features

Abrasion resistant, Abrasion resistant on both sides, Easy cleanability



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	Inverted pyramid structure
Pulley side property	Medium-adhesive

Product characteristics	
Antistatically equipped	No
Conveying side conductive surface acc. EN ISO	No
Slider bed suitable	Yes
Carrying rollers suitable	Yes
UV-C suitable	No
Laser markable	Yes
Flammability	No specific flammability prevention property
Food suitability, EU conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Other conformance/approval	Halal certified

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Technical data			
Hardness	95	Shore A	
Thickness of belt	3.3	mm	0.13 inch
Distance between cords	15	mm	0.59 inch
Mass of belt (belt weight)	3.4	kg/m <sup>2</sup>	0.696 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	9.5	N/mm	54 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	7.0	N/mm	40 lbf/in
Min. operating temperature admissible (continuous)	-20	°C	-4 °F
Max. operating temperature admissible (continuous)	80	°C	176 °F
Coefficient of friction (pulley side / steel driving pulley)	0.30	-	
Coefficient of friction (pulley side / PE wearstrips)	0.40	-	
Coefficient of friction (pulley side / stainless steel slider bed)	0.50	-	
Coefficient of friction (conveying side / PE wearstrips)	0.50	-	
Coefficient of friction (pulley side / PE sliding support)	0.30	-	
Minimal width of belt	150	mm	6 inch
Seamless manufacturing width	609	mm	23.98 inch

### Joining related properties

Joining method	
Quickmelt	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Quickmelt
Pulley diameter (minimum)	mm inch	30 1.18
Pulley diameter minimum with counter flection	mm inch	30 1.18
Admissible tensile force per unit of width	N/mm lbf/in	6.0 34
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	3.0 17
Troughed installation suitable		Yes
X-Ray / Metal detectable material		No
X-Ray / Metal detector suitable		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

For most applications calculation is not required. Should you still need a calculation: please ask Habasit.

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### Recommendation

Install the slack belt and tension until running perfectly under the full belt load, Recommended initial elongation 0.1 - 0.2%

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

Group	Cleandrive Friction Drive
Sub-Group	Cleandrive Friction Drive Belts
Item number	H100066305

### Disclaimer

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

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