

Cleandrive Friction Drive Belts

CD.F30-A-UW+M

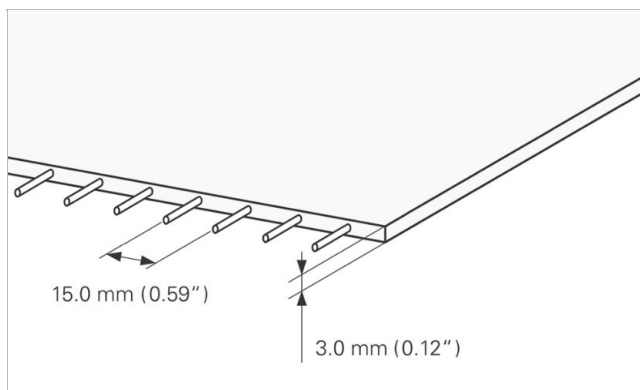


Main industry segments

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)
Farve	White
Conveying side surface	Matt
Conveying side property	Medium-adhesive
Traction layer (material)	Aramid cords
Pulley side surface	Glossy
Pulley side property	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	Japanese Food Regulation (MHLW Notification No. 370)

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Technical data			
Hardness	95	Shore A	
Thickness of belt	3.0	mm	0.118 tommer
Distance between cords	15	mm	0.59 tommer
Mass of belt (belt weight)	3.5	kg/m ²	0.717 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)	0.50	-	
Coefficient of friction (pulley side / PE wearstrips)	0.50	-	
Coefficient of friction (pulley side / stainless steel slider bed)	0.80	-	
Coefficient of friction (conveying side / PE wearstrips)	0.40	-	
Coefficient of friction (pulley side / PE sliding support)	0.40	-	
Minimal width of belt	150	mm	6 tommer
Seamless manufacturing width	1829	mm	72.01 tommer

Joining related properties

Joining method	
Quickmelt	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Quickmelt
Pulley diameter (minimum)	mm tommer	30 1.18
Pulley diameter minimum with counter flection	mm tommer	30 1.18
Admissible tensile force per unit of width	N/mm lbf/in	8.0 46
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	4.0 23
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 til informasjon om kemisk resistens <https://rims.habasit.com>

Calculations

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

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 Cleandrive Friction Drive Belts
Del nummer	H950047681

Ansvarsfraskrivelse

Ansvarsfraskrivelse for produktanvendelse (gælder for ALLE Habasit produkter og nævnt på alle produktdatablade)

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DISSE PRODUKTER OMFATTES AF HABASITS UDTRYKTE GARANTI, SOM ER DEN ENESTE GÆLDENDE GARANTI OG ERSTATTER ALLE ANDRE EVENTUELLE GARANTIER, UDTRYKTE ELLER UNDERFORSTÅEDE. HABASIT FRASKRIVER SIG ALT ANSVAR FOR ALLE ANDRE GARANTIER, UDTRYKTE ELLER UNDERFORSTÅEDE, INKLUSIVE, DOG UDEN AT BEGRÆNSES DERTIL, UNDERFORSTÅEDE GARANTIER OM SALGBARHED, EGNETHED TIL ET BESTEMT FORMÅL, AT PRODUKTERNE IKKE STRIDER MOD NOGLE REGLER, SAMT GARANTIER SOM FØLGE AF AFTALE, ANVENDELSE ELLER HANDEL. DETTE FORBEHOLD GÆLDER I DEN UDSTRÆKNING SOM LOVEN TILLADER. DA FORUDSÆTNINGERNE FOR ANVENDELSE ER UDEN FOR HABASITS KONTROL, KAN VI IKKE TAGE NOGET ANSVAR FOR DE NÆVNTE PRODUKTERS EGNETHED ELLER PROCESILPASNING. DETTE FORBEHOLD GÆLDER OGSÅ FOR INDIKATIONER FRA PROCESRESULTATER OG OUTPUT.