

Main industry segments

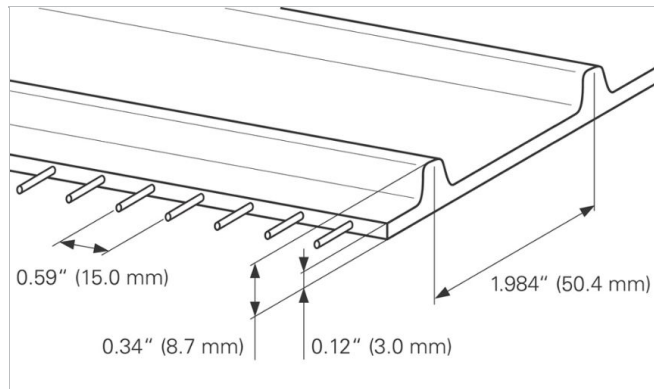
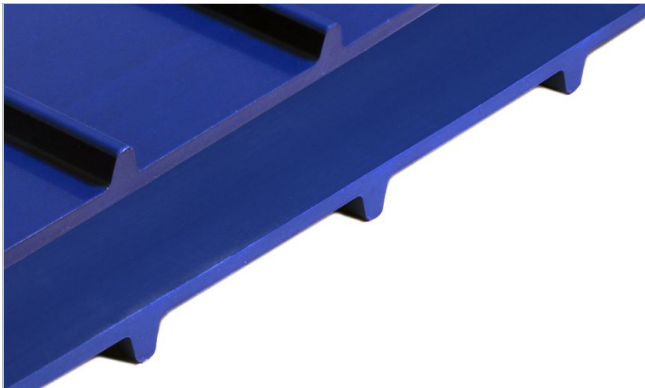
Bread, Candy, Chocolate, Dairy (incl. cheese), Frozen food, Fruit, Pizza, Poultry, Ready meals, Red meat, Seafood, Vegetables

Applications

Food processing/conveying belt

Special features

Abrasion resistant on both sides, Bi-directional suitable, Metal detectable, X-Ray detectable



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

Product characteristics	
Antimicrobially equipped	No
Conveying side conductive surface acc. EN ISO	No
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 - acc. to 21CFR parts 170 - 199. Details/restrictions see Habasit food compliance declaration.
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.
Flammability	No specific flammability prevention property

Technical data			
Hardness	95	ShA	
Thickness of belt	3.0	mm	0.12 inch
Distance between cords	15	mm	0.59 inch
Nominal drive bar pitch	50.4	mm	1.984 inch
Mass of belt (belt weight)	4.6	kg/m ²	0.942 lb/sqft
Min. operating temperature admissible (continuous)	-20	°C	-4 °F
Max. operating temperature admissible (continuous)	80	°C	176 °F
Coefficient of friction (pulley side / PE wearstrips)	0.42	-	
Coefficient of friction (conveying side / PE wearstrips)	0.40	-	
Minimal width of belt	150	mm	6 inch
Maximal width of belt	1200	mm	47 inch
Seamless manufacturing width	610	mm	24.00 inch

Joining related properties

Joining method	Quickmelt	Microflex 15 x 10	Mechanical joining
Minimal pitch diameter for driving sprockets	80.8 mm 3.18 inch	80.8 mm 3.18 inch	80.8 mm 3.18 inch
Minimal pitch diameter for idling sprockets	80.8 mm 3.18 inch	80.8 mm 3.18 inch	80.8 mm 3.18 inch
Minimal back-bending roller diameter for center drive configuration	100 mm 4 inch	100 mm 4 inch	100 mm 4 inch
Minimal diameter for belt support roller	75 mm 3 inch	75 mm 3 inch	75 mm 3 inch
Admissible tensile force per unit of width	8.0 N/mm 46 lbf/in	8.0 N/mm 46 lbf/in	4.0 N/mm 23 lbf/in
Slider bed suitable	No	No	No
Carrying rollers suitable	No	No	No
Troughed installation suitable	Yes	Yes	No
Nosebar suitable	No	No	No
Low noise applications	No	No	No
Metal detector suitable	Yes	Yes	Yes

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

Chemical resistance

Link to 'Chemical resistance information': <http://www.habasit.com/en/chemical-resistance.htm>

Calculations

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

Recommendation

See Engineering Manual

For details consult 'Storage and handling requirements for belts and machine tapes' or contact Habasit, 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.

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

Profiles
Longitudinal and transversal profiles

Group	Habasit Cleandrive Positive Drive
Sub-Group	Habasit Cleandrive Belt Series CD50
Item number	H950021361

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