

# Food Belts

## 328DD



### Main industry segments

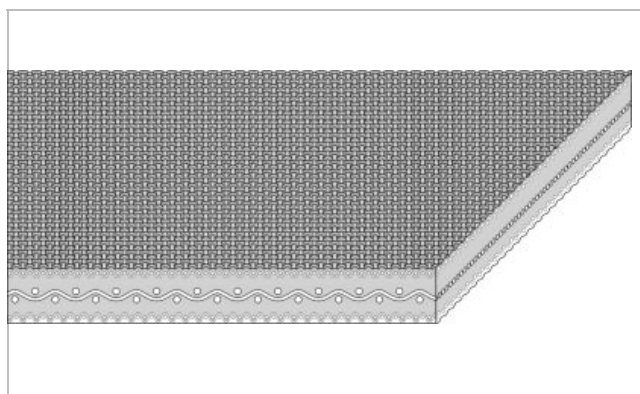
Bread, Rubber industry

### Applications

Food processing/conveying belt, Transport of hot rubber

### Special features

Easy release



Product Construction / Design	
Conveying side material	Cotton (CO)
Conveying side surface	Fabric
Conveying side property	Non-adhesive
Conveying side color	Beige
Traction layer (material)	Cotton (CO)
Number of Fabrics	3
Pulley side material	Cotton (CO)
Pulley side surface	Fabric
Pulley side property	Non-adhesive
Pulley side color	Beige

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended
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.

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Technical data		
Thickness of belt	4.4 mm	0.17 inch
Mass of belt (belt weight)	3.3 kg/m <sup>2</sup>	0.676 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	3.4 N/mm	19 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	2.2 N/mm	13 lbf/in
Min. operating temperature admissible (continuous)	-40 °C	-40 °F
Max. operating temperature admissible (continuous)	100 °C	212 °F
Coefficient of friction (pulley side / steel driving pulley)	0.15 -	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35 -	
Coefficient of friction (pulley side / pickled steel slider bed)	0.20 -	
Coefficient of friction (pulley side / phenolic resin slider bed)	0.20 -	
Coefficient of friction (pulley side / stainless steel slider bed)	0.20 -	
Seamless manufacturing width	2000 mm	78.74 inch

### Joining related properties

Joining method	
Alligator RS62	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Alligator RS62
Pulley diameter (minimum)	mm inch	100 3.94
Pulley diameter minimum with counter flection	mm inch	100 3.94
Admissible tensile force per unit of width	N/mm lbf/in	5.5 31
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	5.5 31
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Troughed installation suitable		No
Power turns / curved installations		No
Nosebar suitable		No
Metal detector suitable		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>

### Mode of use or conveyance

Horizontal

### Calculations

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

### Recommendation

Do not go below initial elongation (epsilon) ~ 0.5%

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

Group	Fabric Surface Belts
Sub-Group	Bare Fabric Belts
Item number	H700000161

### Disclaimer

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