

Food Belts

FNB-8GVBF-12



Only for Habasit Mexico

Main industry segments

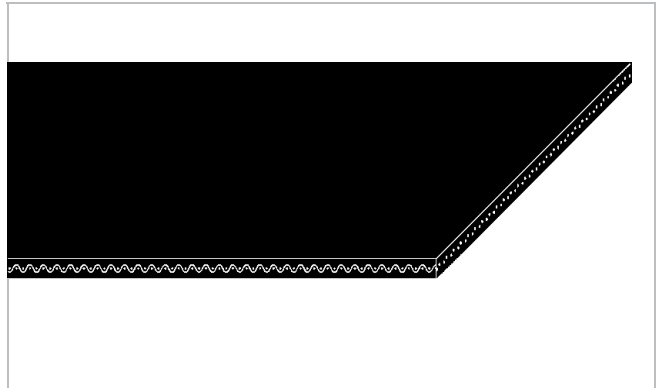
Food various

Applications

Food processing/conveying belt

Special features

Anti-sticking, Easy cleanability, Excellent release, High temperature resistant, Low friction conveying side, Low friction running side



Product Construction / Design	
Conveying side material	Teflon (PTFE)
Conveying side surface	Smooth glossy
Conveying side property	Non-adhesive
Conveying side color	Black
Traction layer (material)	Glass fabric
Number of Fabrics	1
Pulley side material	Teflon (PTFE)
Pulley side surface	Smooth glossy
Pulley side property	Non-adhesive
Pulley side color	Black

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	Yes
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

Technical data		
Thickness of belt	0.30 mm	0.01 inch
Mass of belt (belt weight)	0.65 kg/m ²	0.133 lb/sqft
Min. operating temperature admissible (continuous)	-73 °C	-100 °F
Max. operating temperature admissible (continuous)	288 °C	550 °F
Coefficient of friction (pulley side / steel driving pulley)	0.05 -	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35 -	
Coefficient of friction (pulley side / pickled steel slider bed)	0.10 -	
Coefficient of friction (pulley side / stainless steel slider bed)	0.05 -	
Seamless manufacturing width	1346 mm	53.00 inch

The belt thicknesses above are rounded values, the nominal thickness of this product is 0.012 in. (12 mil.)

Joining related properties

Joining method	
Overlap 60°	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Overlap 60°
Pulley diameter (minimum)	mm inch	80 3.15
Pulley diameter minimum with counter flection	mm inch	80 3.15
Slider bed suitable		Yes
Carrying rollers suitable		Yes
Knife-edge (nosebar) suitable		No
Low noise applications		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). 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>

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 exceed 1% elongation, Do not go below initial elongation (epsilon) ~ 0.3%, Install the slack belt and tension until running perfectly under the full belt load

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. 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	Various Special Belts
Sub-Group	-
Item number	H950038503

Disclaimer

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