

# Food Belts

## NAB-20EFWW-A2F1



### Main industry segments

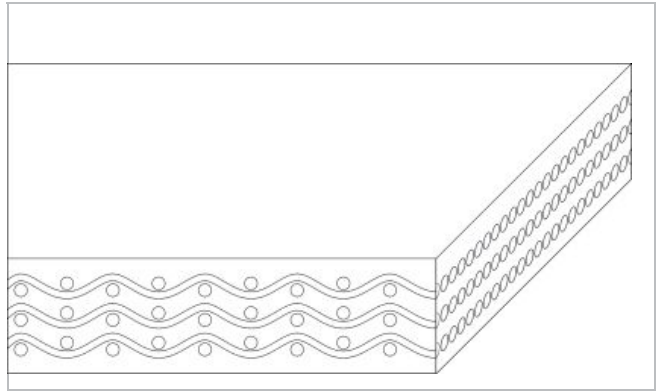
Sugar

### Applications

Food processing/conveying belt, Transfer belt

### Special features

Reverse side coated, ATEX compliant



Product Construction / Design	
Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Matt
Conveying side property	Adhesive
Conveying side color	White
Traction layer (material)	Polyester (PET)
Number of Fabrics	3
Pulley side material	Polyvinylchloride (PVC)
Pulley side surface	Matt
Pulley side property	Adhesive
Pulley side color	White

Product characteristics	
Antistatically equipped	Yes
Adhesive free joining method	Yes
Flammability	In accordance with ISO 340
Food suitability, FDA conformance	Yes - Check Document of Compliance (DoC) in our Portal
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	Yes - Check Document of Compliance (DoC) in our Portal
	Halal certified

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Technical data		
Thickness of belt	5.5 mm	0.22 inch
Mass of belt (belt weight)	6.9 kg/m <sup>2</sup>	1.413 lb/sqft
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-155)	19 N/mm	108 lbf/in
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	10 N/mm	57 lbf/in
Min. operating temperature admissible (continuous)	-10 °C	14 °F
Max. operating temperature admissible (continuous)	80 °C	176 °F
Coefficient of friction (pulley side / steel driving pulley)	0.35 -	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.40 -	
Coefficient of friction (pulley side / pickled steel slider bed)	0.60 -	
Coefficient of friction (pulley side / phenolic resin slider bed)	0.60 -	
Coefficient of friction (pulley side / stainless steel slider bed)	0.60 -	
Seamless manufacturing width	2850 mm	112.20 inch

### Joining related properties

Joining method	
Flexproof 10 x 80	Master joining method for standard applications

[Link to JDS:](#)

Joining method		Flexproof 10 x 80
Pulley diameter (minimum)	mm inch	200 7.87
Pulley diameter minimum with counter flection	mm inch	250 9.84
Admissible tensile force per unit of width	N/mm lbf/in	25 143
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	11 63
Slider bed suitable		No
Carrying rollers suitable		Yes
Troughed installation suitable		Yes
Powerturns / curved installations		No
Knife-edge (nosebar) suitable		No
Low noise applications		No
Metal detector suitable		No

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.

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### Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

### Mode of use or conveyance

Horizontal, Inclined

### 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) ~ 0.3%

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)

Group	PVC Belts
Sub-Group	General Purpose Belts
Item number	H100066308

### Disclaimer

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

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