

# Food Belts NAB-10EVCV 11



## Main industry segments

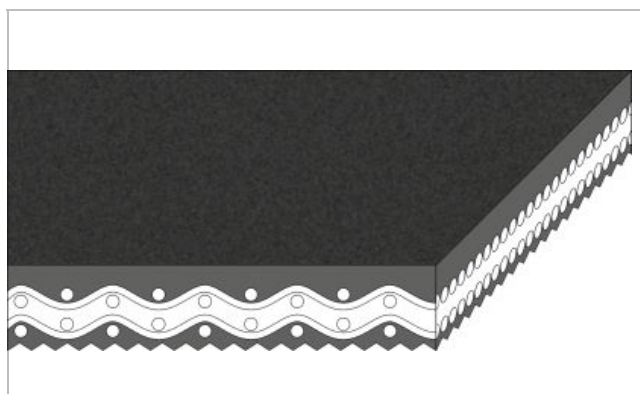
Farming and harvesting, Fruit, Primary food packaging, Vegetables

## Applications

Diverting belt, Inspection/control belt, Sorting belt

## Special features

Abrasion resistant, Reverse side coated



Product Construction / Design	
Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Matt
Conveying side property	Medium-adhesive
Conveying side color	Cobalt blue
Traction layer (material)	Polyester (PET)
Number of Fabrics	2
Pulley side material	Polyvinylchloride (PVC)
Pulley side surface	Inverted pyramid structure
Pulley side property	Medium-adhesive
Pulley side color	Cobalt blue

Product characteristics	
Antistatically equipped	No
Adhesive free joining method	Yes
Flammability	No specific flammability prevention property
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

# Food Belts

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Technical data			
Thickness of belt	3.0 mm	0.12	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)	12 N/mm	69	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)	0 °C	32	°F
Max. operating temperature admissible (continuous)	70 °C	158	°F
Coefficient of friction (pulley side / steel driving pulley)	0.35 -		
Seamless manufacturing width	3000 mm	118.11	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	60 2.36
Pulley diameter minimum with counter flection	mm inch	60 2.36
Admissible tensile force per unit of width	N/mm lbf/in	9.5 54
Admissible tensile force per unit of width at max. operating temperature	N/mm lbf/in	7.0 40
Slider bed suitable		No
Carrying rollers suitable		Yes
Troughed installation suitable		No
Powerturns / curved installations		No
Knife-edge (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). 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, 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)

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	PVC Belts
Sub-Group	General Purpose Belts
Item number	H100066184

### Disclaimer

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

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