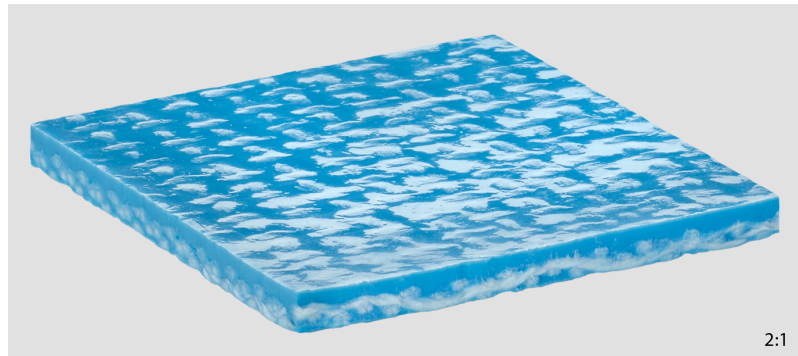


## Product Data Sheet

# PF120 LT AR OFR CXF-NA blue FDA



Art. No.: 908921

M 1:2

### Applications

<b>Agriculture</b>	Processing of fruits and vegetables (also oily and fatty) at very low temperatures
<b>Food industry</b>	Processing of food (also oily and fatty); Transport of unpacked food in freezers
<b>General material handling</b>	Horizontal conveying also at very low temperatures

### Order information

<b>Article number</b>	908921
<b>Suitable for corrugated side walls</b>	Yes
<b>Belt style</b>	PF = PolarFlex
<b>Standard delivery width</b>	1829 mm / 72.01 in
<b>Longitudinal seam possible</b>	Yes

### PF120 LT AR OFR CXF-NA blue FDA

#### Construction

<b>Top face material</b>	Polyvinyl chloride, low temperature & abrasion resistant
<b>Surface pattern</b>	Smooth
<b>Coating thickness</b>	1.02 mm / 0.04 in
<b>Color</b>	Blue
<b>Driving face material</b>	Polyvinyl chloride, low temperature & abrasion resistant
<b>Surface pattern</b>	Fabric
<b>Coating thickness</b>	0.1 mm / 0.004 in
<b>Color</b>	Blue
<b>Tension member material</b>	2-ply interwoven fabric of polyester spun warp and weft
<b>Weave pattern</b>	1

#### Technical data

<b>Total thickness</b>	3.35 mm $\pm$ 0.25 0.132 in $\pm$ 0.01
<b>Weight</b>	4.15 kg/m <sup>2</sup> $\pm$ 0.42 0.85 lbs/ft <sup>2</sup> $\pm$ 0.085
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	8.5 N/mm / 48.54 lbf/in
<b>Recommended Elongation at fitting min.</b>	0.5 %
<b>Recommended Elongation at fitting max.</b>	1.5 %
<b>Rated working tension</b>	21 N/mm / 120 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.8
<b>Friction coefficient of top face against steel panel according ISO 21182</b>	0.8
<b>Permissible operating temperature</b>	-40/82 °C -40/180 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	70

### PF120 LT AR OFR CXF-NA blue FDA

#### Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Particular surface properties	<ul style="list-style-type: none"> <li>▸ Good grip</li> <li>▸ Coating/fabric abrasion especially resistant</li> </ul>
Belt support	Support rollers
UV resistance	Normal

#### Food properties

FDA 21CFR	Suitable for the transport of unpacked Food in compliance with FDA regulation 21CFR
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#### Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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#### Fabrication

Suitable for corrugated side walls	Yes
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	HS-23

#### Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
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### PF120 LT AR OFR CXF-NA blue FDA

#### Remarks

► **Polarflex™: very low temperature belting with improved abrasion resistance.**

<b>Chemical resistance</b>	Good
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The physical data in this data sheet is approximate, can alter depending on production environments and was established at standard ambient conditions (23°C/73°F, 50% relative humidity) in accordance with DIN 50014/ISO 554. Fluctuations in climate can cause variations.

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