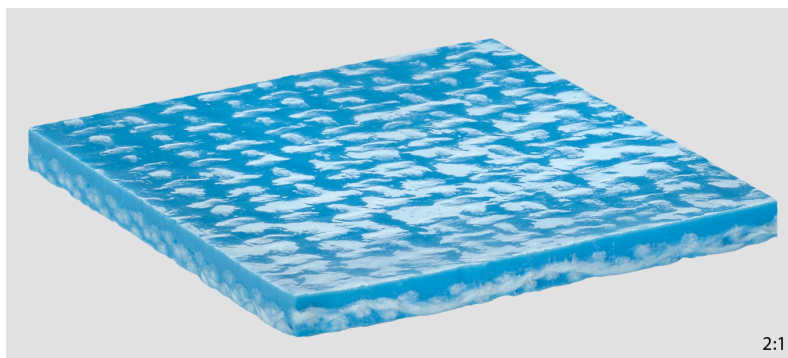


### Product Data Sheet

# PF120 LT AR OFR CXF-NA blue FDA



Art. No.: 908921

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### 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

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#### 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>Number of fabric plies</b>	1

#### Technical data

<b>Total thickness</b>	3.35 mm ± 0.34 0.132 in ± 0.013
<b>Weight</b>	4.15 kg/m <sup>2</sup> ± 0.42 0.85 lbs/ft <sup>2</sup> ± 0.085
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	8.76 N/mm / 50 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>	0.45
<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

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#### Properties

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

#### Food properties

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

<b>Not antistatic</b>	Belt material with electrically insulating properties
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#### Fabrication

<b>Suitable for corrugated side walls</b>	Yes
<b>Profiles on top face</b>	Yes
<b>Profiles on underside</b>	Yes
<b>Mechanical fasteners</b>	Alligator®RS125; Clipper® #1; Clipper® UX1; HS-23

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

#### Minimum drum diameter

<b>Z-splice, counter-bending</b>	64 mm / 2.5 in
<b>Mechanical Alligator® fastener, bending</b>	76 mm / 3 in
<b>Mechanical Clipper® fastener, bending</b>	51 mm / 2 in
<b>Mechanical HS fastener, bending</b>	76 mm / 3 in

#### Remarks

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

**Chemical resistance** V

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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