

## Product Data Sheet

# PF120 LT AR CTxB-NA blue



Art. No.: 908753

M 1:2

### Applications

#### Agriculture

#### Food industry

Transport of packed food in freezers

#### General material handling

Inclined conveying of bulk goods also at very low temperatures

#### Plastics / Chemical /Electronics industry

### Order information

Article number	908753
Suitable for corrugated side walls	No
Belt style	PF = PolarFlex
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

### PF120 LT AR CTxB-NA blue

#### Construction

<b>Top face material</b>	Polyvinyl chloride, low temperature & abrasion resistant
<b>Surface pattern</b>	Crescent top
<b>Coating thickness</b>	5.08 mm / 0.2 in
<b>Color</b>	Blue
<b>Driving face material</b>	Polyester fabric, brushed
<b>Surface pattern</b>	Fabric, coarse
<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>	6.1 mm $\pm$ 0.25 0.24 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>	0.35
<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 CTxB-NA blue

#### Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	Yes
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>▸ Coating/fabric abrasion especially resistant</li> <li>▸ Good cut resistance</li> <li>▸ High Grip</li> </ul>
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

#### Electrostatic properties

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

Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	Yes
Mechanical fasteners	On request

#### Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
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#### Remarks

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

Chemical resistance	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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