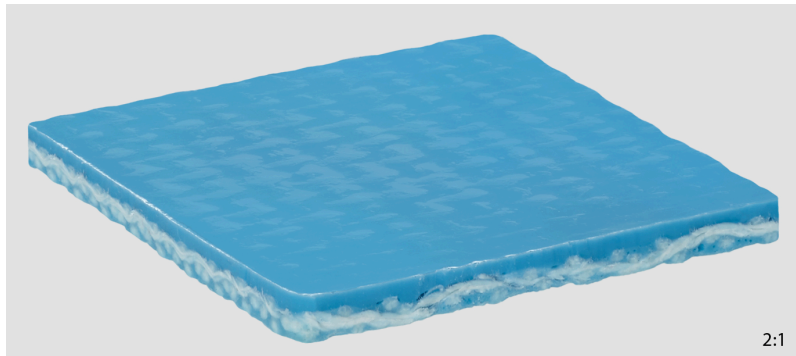


Product Data Sheet

PF120 LT AR CxB-NA blue FDA



Art. No.: 908772

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Applications

Agriculture

Food industry

Sorter belt; Transport of unpacked food in freezers

General material handling

Horizontal conveying also at very low temperatures; Troughed conveyor belt

Order information

Article number

908772

Suitable for corrugated side walls

Yes

Belt style

PF = PolarFlex

Standard delivery width

1829 mm / 72.01 in

Longitudinal seam possible

Yes

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Construction

Top face material	Polyvinyl chloride, low temperature & abrasion resistant
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 in
Color	Blue
Driving face material	Polyester fabric, brushed
Surface pattern	Fabric, coarse
Color	Blue
Tension member material	2-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1

Technical data

Total thickness	3.35 mm ± 0.34 0.132 in ± 0.013
Weight	4.15 kg/m ² ± 0.42 0.85 lbs/ft ² ± 0.085
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8.76 N/mm / 50 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	21 N/mm / 120 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.3
Friction coefficient of top face against steel panel according ISO 21182	0.85
Permissible operating temperature	-40/82 °C -40/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	70

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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"> ▶ Coating/fabric abrasion especially resistant ▶ Coating/fabric abrasion resistant ▶ Good grip ▶ Good cut resistance
Belt support	Slider bed (support rollers possible)
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	Alligator®RS125; Clipper® #1; Clipper® UX1

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Minimum drum diameter

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

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

Chemical resistance	V
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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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