

Product Data Sheet

PF150 LT AR CxB-NA blue

Applications

Agriculture	
Food industry	Transport of packed food in freezers
General material handling	Horizontal conveying also at very low temperatures; Troughed conveyor belt

Order information

Article number	908024
Suitable for corrugated side walls	Yes
Belt style	PF = PolarFlex
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

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

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Technical data

Total thickness	4.06 mm \pm 0.25 0.16 in \pm 0.01
Weight	4.88 kg/m ² \pm 0.49 1 lbs/ft ² \pm 0.1
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8.5 N/mm / 48.54 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	26 N/mm / 150 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.35
Friction coefficient of top face against steel panel according ISO 21182	0.8
Permissible operating temperature	-40/82 °C -40/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	70

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"> ► Good grip ► Coating/fabric abrasion especially resistant ► Good cut resistance
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

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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	On request

Minimum drum diameter

Z-splice, counter-bending	76 mm / 3 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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