

Product Data Sheet

PVC120 OFR HMxF-NA blue FDA

Applications

Agriculture	Processing of fruits and vegetables (also oily and fatty)
Food industry	Processing of food (also oily and fatty)
General material handling	Horizontal conveying (metering)

Order information

Article number	908933
Suitable for corrugated side walls	Yes
Belt style	PVC = Interwoven PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

Construction

Top face material	Polyvinyl chloride, oil and fat resistant
Surface pattern	Matt, heavy
Coating thickness	1.02 mm / 0.04 in
Color	Blue
Driving face material	Polyvinyl chloride, oil and fat resistant
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
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	3.35 mm \pm 0.25 0.132 in \pm 0.01
Weight	4.15 kg/m ² \pm 0.42 0.85 lbs/ft ² \pm 0.085
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	7 N/mm / 39.97 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	0.5
Friction coefficient of top face against steel panel according ISO 21182	0.7
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	Yes
Flame-retardant	No
Noise development	Normal
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	On request
Mechanical fasteners	On request

Minimum drum diameter

Z- splice - 70 x 11,5 mm, counter-bending	50 mm / 2 in
Z- splice - 70 x 11,5 mm, bending	40 mm / 1.6 in

Remarks

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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