

Product Data Sheet

PU2-150 HCxF-NA clear FDA



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Art. No.: 908887

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Applications

Building material industry	Brick setting belt
Fish industry & meat industry	Meat processing
Logistics	Slider bed (support rollers possible)
Metalworking & automotive industry	Blank conveying/stacking systems; Conveying stamping waste; Press-in-feed/inter-press conveyors; Punch press belt; Transport of metal parts
Wood industry	

Order information

Article number	908887
Suitable for corrugated side walls	Yes
Belt style	PU = Polyurethane
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyurethane, hard
Surface pattern	Smooth
Coating thickness	2.03 mm / 0.08 in
Color	Transparent
Driving face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Transparent
Tension member material	Fabric of polyester spun warp and weft
Number of fabric plies	2
Remarks to tension member	Carcass impregnated with oil and fat resistant polyvinylchloride

Technical data

Total thickness	5.08 mm \pm 0.25 0.2 in \pm 0.01
Weight	6.35 kg/m ² \pm 0.63 1.3 lbs/ft ² \pm 0.13
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8 N/mm / 45.68 lbf/in
Recommended Elongation at fitting min.	0.3 %
Recommended Elongation at fitting max.	1.7 %
Rated working tension	26 N/mm / 150 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.4
Friction coefficient of top face against steel panel according ISO 21182	1
Permissible operating temperature	-29/82 °C -20/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	90

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Properties

Lateral stiffness	Exceptionally laterally stiff
Troughable	No
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 resistant ▸ Adhesive ▸ Coating/fabric high abrasion resistant ▸ High cut resistance
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	On request
Profiles on underside	On request
Mechanical fasteners	HS-24; HS-26

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Minimum drum diameter

Z-splice, counter-bending	76 mm / 3 in
Wedge overlap splice, bending	126 mm / 5 in

Remarks

Chemical resistance	Very 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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