

Product Data Sheet

PVC250 P CxB-NA black



Art. No.: 908311

M 1:2

Applications

Agriculture	Harvesting machines
General material handling	Horizontal conveying; Waste conveyor, recycling conveyor
Glass industry	
Logistics	
Tire/Rubber	
Wood industry	Board conveying

Order information

Article number	908311
Suitable for corrugated side walls	On request
Belt style	PVC = Interwoven PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Smooth
Coating thickness	1.19 mm / 0.047 in
Color	Black
Driving face material	Polyester fabric, brushed
Surface pattern	Fabric, coarse
Color	Black
Tension member material	3-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1

Technical data

Total thickness	5.84 mm ± 0.29 0.23 in ± 0.012
Weight	6.84 kg/m ² ± 0.51 1.4 lbs/ft ² ± 0.105
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	14.89 N/mm / 85 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	44 N/mm / 250 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	0.8
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

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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	▸ Good grip
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	On request
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	Alligator®RS187; Clipper® #4

Minimum drum diameter

Z-splice, counter-bending	127 mm / 5 in
Mechanical Alligator® fastener, bending	102 mm / 4 in
Mechanical Clipper® fastener, bending	102 mm / 4 in

Remarks

Chemical resistance	V
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The physical data in this data sheet is approximate, can alter depending on production environments and was

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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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