

Product Data Sheet

PVC250 ORG CxC black FR



Art. No.: 908710

M 1:2

Applications

General material handling	Elevator belt; Troughed conveyor belt
Tyre industry	

Order information

Article number	908710
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, oil and fat resistant
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 in
Color	Black
Driving face material	Polyvinyl chloride, oil and fat resistant
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 in
Color	Black
Tension member material	3-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1

Technical data

Total thickness	6.6 mm ± 0.25 0.26 in ± 0.01
Weight	8.54 kg/m ² ± 0.85 1.75 lbs/ft ² ± 0.175
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	14 N/mm / 79.94 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	0.83
Friction coefficient of top face against steel panel according ISO 21182	0.83
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	FR (ASTM D-378)
Noise development	Normal
Particular surface properties	<ul style="list-style-type: none"> ▶ Good grip ▶ Coating/fabric abrasion resistant ▶ Good cut resistance
Belt support	Support rollers
UV resistance	Normal

Electrostatic properties

Antistatic	Belt material with an electrically conductive antistatic agent. Volume resistance (RDi) in longitudinal direction parallel to plane of belt <math>< 3 \times 10^8 \Omega</math>. Measurement according DIN EN ISO 21178.
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Fabrication

Suitable for corrugated side walls	On request
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	On request

Minimum drum diameter

Z-splice, counter-bending	152 mm / 6 in
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Remarks

► Suitable for whole oily grains.

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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