

### Product Data Sheet

# PVC250 P CxB-NA black



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Art. No.: 908311

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### Applications

<b>Agriculture</b>	Harvesting machines
<b>General material handling</b>	Horizontal conveying (metering); Waste conveyor, recycling conveyor
<b>Logistics</b>	
<b>Tyre industry</b>	
<b>Wood industry</b>	Board conveying

### Order information

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

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#### Construction

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

#### Technical data

<b>Total thickness</b>	5.84 mm $\pm$ 0.25 0.23 in $\pm$ 0.01
<b>Weight</b>	6.84 kg/m <sup>2</sup> $\pm$ 0.68 1.4 lbs/ft <sup>2</sup> $\pm$ 0.14
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	12 N/mm / 68.52 lbf/in
<b>Recommended Elongation at fitting min.</b>	0.5 %
<b>Recommended Elongation at fitting max.</b>	1.5 %
<b>Rated working tension</b>	44 N/mm / 250 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.35
<b>Friction coefficient of top face against steel panel according ISO 21182</b>	0.8
<b>Permissible operating temperature</b>	-18/82 °C 0/180 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	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	On request

#### Minimum drum diameter

Z-splice, counter-bending	126 mm / 5 in
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#### 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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