

## Product Data Sheet

# PVC300 CxC-NA yellow FR

### Applications

General material handling	Troughed conveyor belt
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### Order information

Article number	908729
Suitable for corrugated side walls	On request
Belt style	PVC = Interwoven PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

### Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 in
Color	Yellow
Driving face material	Polyvinyl chloride
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 in
Color	Yellow
Tension member material	3-ply interwoven fabric of polyester spun warp and weft
Weave pattern	1

### PVC300 CxC-NA yellow FR

#### Technical data

<b>Total thickness</b>	6.86 mm $\pm$ 0.25 0.27 in $\pm$ 0.01
<b>Weight</b>	9.52 kg/m <sup>2</sup> $\pm$ 0.95 1.95 lbs/ft <sup>2</sup> $\pm$ 0.195
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	14 N/mm / 79.94 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>	53 N/mm / 300 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.83
<b>Friction coefficient of top face against steel panel according ISO 21182</b>	0.83
<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

#### Properties

<b>Lateral stiffness</b>	Laterally flexible
<b>Troughable</b>	Yes
<b>Suitable for accumulation</b>	No
<b>Inclined conveying</b>	No
<b>Suitable for knife edges</b>	No
<b>Suitable for curves</b>	No
<b>Flame-retardant</b>	FR (ASTM D-378)
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	► Good grip
<b>Belt support</b>	Support rollers
<b>UV resistance</b>	Exceptional

### PVC300 CxC-NA yellow FR

#### Electrostatic properties

<b>Not antistatic</b>	Belt material with electrically insulating properties
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#### Fabrication

<b>Suitable for corrugated side walls</b>	On request
<b>Profiles on top face</b>	Yes
<b>Profiles on underside</b>	Yes
<b>Mechanical fasteners</b>	On request

#### Minimum drum diameter

<b>Z-splice, bending</b>	160 mm / 6.3 in
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#### Remarks

- Antibacterial properties.
- Improved UV resistance.

<b>Chemical resistance</b>	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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