

## Product Data Sheet

# PVC200 LT CxB-NA black



2:1

Art. No.: 908780

M 1:2

### Applications

#### Agriculture

**General material handling** Horizontal conveying also at low temperatures

**Logistics** Feeder conveyor/ Transfer conveyor

### Order information

**Article number** 908780

**Suitable for corrugated side walls** Yes

**Belt style** PVC = Interwoven PVC

**Standard delivery width** 1829 mm / 72.01 in

**Longitudinal seam possible** Yes

### PVC200 LT CxB-NA black

#### Construction

<b>Top face material</b>	Polyvinyl chloride, low temperature resistant
<b>Surface pattern</b>	Smooth
<b>Coating thickness</b>	1.02 mm / 0.04 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>	5.08 mm $\pm$ 0.25 0.2 in $\pm$ 0.01
<b>Weight</b>	6.35 kg/m <sup>2</sup> $\pm$ 0.63 1.3 lbs/ft <sup>2</sup> $\pm$ 0.13
<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>	35 N/mm / 200 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>	-29/82 °C -20/180 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	65

### PVC200 LT CxB-NA black

#### 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
----------------	---

#### Fabrication

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

#### Minimum drum diameter

Z-splice, counter-bending	102 mm / 4 in
---------------------------	---------------

#### Remarks

► Especially suitable for low temperatures.

Chemical resistance	Good
---------------------	------

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.

## PVC200 LT CxB-NA black

Date of last change: 3/12/2024 10:38:30 AM