

## Product Data Sheet

# PVC120 HMxB-NA black FR



Art. No.: 908037

M 1:2

### Applications

#### Agriculture

**Building material industry** Brick conveying / Tiles conveying / Stone transport

**General material handling** Horizontal conveying (metering); Troughed conveyor belt

### Order information

<b>Article number</b>	908037
<b>Suitable for corrugated side walls</b>	Yes
<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>	Matt, heavy
<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>	2-ply interwoven fabric of polyester spun warp and weft
<b>Number of fabric plies</b>	1

#### Technical data

<b>Total thickness</b>	3.35 mm $\pm$ 0.25 0.132 in $\pm$ 0.01
<b>Weight</b>	4.15 kg/m <sup>2</sup> $\pm$ 0.42 0.85 lbs/ft <sup>2</sup> $\pm$ 0.085
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	9 N/mm / 51.39 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>	21 N/mm / 120 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>	0.6
<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	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	Yes
Flame-retardant	FR (ASTM D-378)
Noise development	Normal
Particular surface properties	► Not adhesive
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	Yes
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	On request

#### Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Wedge overlap splice, counter-bending	64 mm / 2.5 in
Z-splice, bending	51 mm / 2 in

#### 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

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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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