

### 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

#### Article number

908037

#### Suitable for corrugated side walls

Yes

#### Belt style

PVC = Interwoven PVC

#### Standard delivery width

1829 mm / 72.01 in

#### Longitudinal seam possible

Yes

### PVC120 HMxB-NA black FR

#### 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 ± 0.25 0.132 in ± 0.01
<b>Weight</b>	4.15 kg/m <sup>2</sup> ± 0.42 0.85 lbs/ft <sup>2</sup> ± 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

### PVC120 HMxB-NA black FR

#### Properties

<b>Lateral stiffness</b>	Laterally flexible
<b>Troughable</b>	Yes
<b>Suitable for accumulation</b>	Yes
<b>Inclined conveying</b>	No
<b>Suitable for knife edges</b>	No
<b>Suitable for curves</b>	Yes
<b>Flame-retardant</b>	FR (ASTM D-378)
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	► Not adhesive
<b>Belt support</b>	Slider bed (support rollers possible)
<b>UV resistance</b>	Normal

#### Electrostatic properties

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

#### Fabrication

<b>Suitable for corrugated side walls</b>	Yes
<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, counter-bending</b>	64 mm / 2.5 in
<b>Wedge overlap splice, counter-bending</b>	64 mm / 2.5 in
<b>Z-splice, bending</b>	51 mm / 2 in

#### Remarks

<b>Chemical resistance</b>	Good
----------------------------	------

The physical data in this data sheet is approximate, can alter depending on production environments and was

## PVC120 HMxB-NA black FR

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.

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