

### Product Data Sheet

# PVC120 RTxB-NA black FR



Art. No.: 908004

M 1:2

### Applications

#### Airport logistics

**General material handling** Inclined conveying of unit goods / containers

**Logistics** Acceleration conveyor; Braking conveyor; Parcel handling; Start-Stop conveyor

### Order information

**Article number** 908004

**Suitable for corrugated side walls** No

**Belt style** PVC = Interwoven PVC

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

**Longitudinal seam possible** Yes

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#### Construction

<b>Top face material</b>	Polyvinyl chloride, hard
<b>Surface pattern</b>	Rough-top, fabric embossing
<b>Coating thickness</b>	5.08 mm / 0.2 in
<b>Color</b>	Black (~RAL 8016)
<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>	6.35 mm ± 0.25 0.25 in ± 0.01
<b>Weight</b>	4.88 kg/m <sup>2</sup> ± 0.49 1 lbs/ft <sup>2</sup> ± 0.1
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	8.5 N/mm / 48.54 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>Permissible operating temperature</b>	-18/82 °C, for a short time 120 °C 0/180 °F, for a short time 248 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	80
<b>Thermal conductivity</b>	90 W/(K*m <sup>2</sup> )

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#### Properties

<b>Lateral stiffness</b>	Laterally flexible
<b>Troughable</b>	Yes
<b>Suitable for accumulation</b>	No
<b>Inclined conveying</b>	Yes
<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>	► High Grip
<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
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#### Fabrication

<b>Suitable for corrugated side walls</b>	No
<b>Profiles on top face</b>	No
<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>Mechanical fastener, bending</b>	51 mm / 2 in

#### Remarks

<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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