

### Product Data Sheet

# PVK125 RTxFS-NA black FR



Art. No.: 908106

M 1:2

### Applications

<b>Airport logistics</b>	Check-in conveyor
<b>Building material industry</b>	Brick conveying / Tiles conveying / Stone transport
<b>General material handling</b>	Inclined conveying of unit goods / containers; Waste conveyor, recycling conveyor
<b>Logistics</b>	Acceleration conveyor; Braking conveyor; Start-Stop conveyor
<b>Steel</b>	Blank conveying/stacking systems
<b>Wood industry</b>	

### Order information

<b>Article number</b>	908106
<b>Suitable for corrugated side walls</b>	No
<b>Belt style</b>	PVK = Package Handling 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, low durometer
<b>Surface pattern</b>	Rough-top, fabric embossing
<b>Coating thickness</b>	5.08 mm / 0.2 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>	Solid woven fabric of polyester spun warp and weft
<b>Number of fabric plies</b>	1

#### Technical data

<b>Total thickness</b>	7.62 mm ± 0.38 0.3 in ± 0.015
<b>Weight</b>	6.35 kg/m <sup>2</sup> ± 0.63 1.3 lbs/ft <sup>2</sup> ± 0.13
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	12.26 N/mm / 70 lbf/in
<b>Recommended Elongation at fitting min.</b>	0.75 %
<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>	0.23
<b>Friction coefficient of top face against steel panel according ISO 21182</b>	1
<b>Permissible operating temperature</b>	-18/82 °C 0/180 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	55

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#### Properties

<b>Lateral stiffness</b>	Laterally stiff
<b>Troughable</b>	No
<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 (MSHA 2G)
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	► Good 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>	Alligator®RS125; Clipper® U2; HS-25; CS-06; HS-26

#### Minimum drum diameter

<b>Z-splice, counter-bending</b>	64 mm / 2.5 in
<b>Mechanical Alligator® fastener, bending</b>	76 mm / 3 in
<b>Mechanical Clipper® fastener, bending</b>	64 mm / 2.5 in
<b>Wedge overlap splice, counter-bending</b>	90 mm / 3.5 in
<b>Mechanical CS fastener, bending</b>	76 mm / 3 in
<b>Mechanical HS fastener, bending</b>	76 mm / 3 in
<b>Z-splice, bending</b>	64 mm / 2.5 in

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#### Remarks

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► Top face friction equal or larger than 1.

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Chemical resistance V

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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.

Date of last change: 10/25/2024 8:58:01 AM