

### Product Data Sheet

# PVK125 LRxFS-NA black FR

#### Applications

<b>General material handling</b>	Inclined conveying of unit goods / containers
<b>Logistics</b>	Acceleration conveyor; Braking conveyor; Start-Stop conveyor

#### Order information

<b>Article number</b>	908919
<b>Suitable for corrugated side walls</b>	No
<b>Belt style</b>	PVK = Package Handling PVC
<b>Standard delivery width</b>	2400 mm / 94.49 in
<b>Longitudinal seam possible</b>	Yes

#### Construction

<b>Top face material</b>	Polyvinyl chloride, low durometer
<b>Surface pattern</b>	Longitudinal rib
<b>Coating thickness</b>	1.52 mm / 0.06 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

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#### Technical data

<b>Total thickness</b>	4.8 mm ± 0.24 0.189 in ± 0.009
<b>Weight</b>	4.95 kg/m <sup>2</sup> ± 0.25 1.014 lbs/ft <sup>2</sup> ± 0.051
<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>	0.24
<b>Permissible operating temperature</b>	-18/82 °C 0/180 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	45

#### 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 (ASTM D-378)
<b>Noise development</b>	Normal
<b>Particular surface properties</b>	► Excellent 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® #2; Clipper® #3; HS-57; HS-146

#### 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>	51 mm / 2 in

#### Remarks

► **Lower noise at belt return/counter-bending compared to RT/ MRT pattern.**

<b>Chemical resistance</b>	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.

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