

### Product Data Sheet

# PVK125 LT LRxFS-NA black FR

#### Applications

<b>General material handling</b>	Horizontal conveying also at low temperatures; Inclined conveying of bulk goods also at low temperatures; Inclined conveying of unit goods / containers
<b>Logistics</b>	Feeder conveyor/ Transfer conveyor ; Parcel handling; Start-Stop conveyor
<b>Wood industry</b>	

#### Order information

<b>Article number</b>	908141
<b>Suitable for corrugated side walls</b>	No
<b>Belt style</b>	PVK = Package Handling PVC
<b>Standard delivery width</b>	2000 mm / 78.74 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>	1.5 mm / 0.059 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 ± 0.25 0.189 in ± 0.01
<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 N/mm / 68.52 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>	22 N/mm / 126 lbf/in at 2 % Elongation
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.28
<b>Permissible operating temperature</b>	-40/82 °C -40/180 °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

Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	Yes

#### Minimum drum diameter

Z-splice, counter-bending	51 mm / 2 in
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#### Remarks

- Especially suitable for low temperatures.
- Lower noise at belt return/counter-bending compared to RT/ MRT pattern.

Chemical resistance	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.

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