

Product Data Sheet

PVK125 RTxFS-NA black FR



Art. No.: 908106

M 1:2

Applications

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

Order information

Article number	908106
Suitable for corrugated side walls	No
Belt style	PVK = Package Handling PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyvinyl chloride, low durometer
Surface pattern	Rough-top, fabric embossing
Coating thickness	5.08 mm / 0.2 in
Color	Black
Driving face material	Polyester fabric, brushed
Surface pattern	Fabric, coarse
Color	Black
Tension member material	Solid woven fabric of polyester spun warp and weft
Number of fabric plies	1

Technical data

Total thickness	7.62 mm \pm 0.25 0.3 in \pm 0.01
Weight	6.35 kg/m ² \pm 0.63 1.3 lbs/ft ² \pm 0.13
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	11 N/mm / 62.81 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	21 N/mm / 120 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.24
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	55

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Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	No
Inclined conveying	Yes
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (MSHA 2G)
Noise development	Normal
Particular surface properties	► Good grip
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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Fabrication

Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	On request
Mechanical fasteners	HS-25; CS-06; HS-26

Minimum drum diameter

Z- splice - 70 x 11,5 mm, counter-bending	64 mm / 2.5 in
Wedge overlap splice, counter-bending	90 mm / 3.5 in

Remarks

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.

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