

Product Data Sheet

PVK125 FSxFS-NA (CN) black FR

Applications

Building material industry	Application Missing
Glass industry	Flat glass Conveying
Logistics	Accumulation conveyor; Collecting conveyor; Parcel handling; Pusher conveyor
Metalworking & automotive industry	Magnet conveyors; Metal cutting line/shearing line; Press-in-feed/inter-press conveyors; Vacuum conveyors
Tyre industry	Batch-off; Curing; Quality control / storage
Wood industry	

Order information

Article number	908142
Suitable for corrugated side walls	No
Belt style	PVK = Package Handling PVC
Standard delivery width	2000 mm / 78.74 in
Maximal delivery width (without longitudinal seam) on request	2000 mm / 78.74 in
Longitudinal seam possible	No

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Construction

Top face material	Polyvinyl chloride impregnation
Surface pattern	Fabric, coarse
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	3.7 mm \pm 0.25 0.146 in \pm 0.01
Weight	3.4 kg/m ² \pm 0.25 0.696 lbs/ft ² \pm 0.051
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	10 N/mm / 57.1 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	0.28
Friction coefficient of top face against steel panel according ISO 21182	0.3
Permissible operating temperature	-18/82 °C 0/180 °F

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Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (ASTM D-378)
Noise development	Normal
Particular surface properties	<ul style="list-style-type: none"> ▸ Not adhesive ▸ Coating/fabric abrasion resistant
Coating/fabric exceptionally cut resistant	Yes
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	Yes
Mechanical fasteners	HS-57; CS-06

Minimum drum diameter

Z-splice, counter-bending	38 mm / 1.5 in
Mechanical fastener, bending	64 mm / 2.5 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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