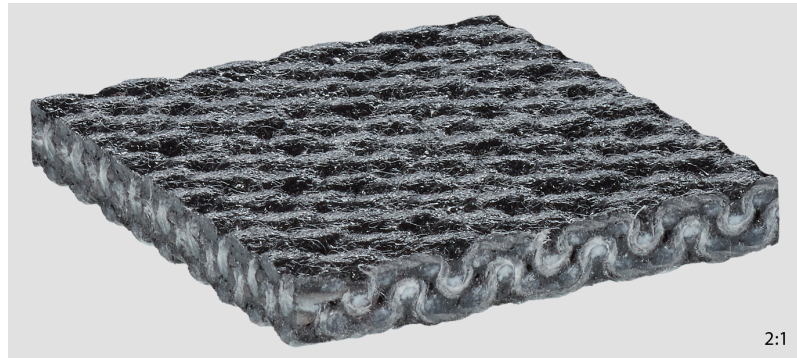


Product Data Sheet

PVK160N FSxFS black FR



Art. No.: 908110

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Applications

Metalworking & automotive industry	Press-in-feed/inter-press conveyors; Sandwich conveyor
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Order information

Article number	908110
Suitable for corrugated side walls	No
Belt style	PVK = Package Handling PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

PVK160N FSxFS black FR

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 nylon filament and polyester spun warp and polyester spun and filament weft
Weave pattern	1
Remarks to tension member	Reduced elongation and more impact elasticity due to nylon filament

Technical data

Total thickness	5.59 mm \pm 0.25 0.22 in \pm 0.01
Weight	5.37 kg/m ² \pm 0.54 1.1 lbs/ft ² \pm 0.11
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	6 N/mm / 34.26 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	28 N/mm / 160 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.23
Friction coefficient of top face against steel panel according ISO 21182	0.24
Permissible operating temperature	-18/82 °C -0/180 °F

Obsolet - deleted from product range - remain for

PVK160N FSxFS black FR

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

Antistatic	Belt material with an electrically conductive antistatic agent. Volume resistance (RDi) in longitudinal direction parallel to plane of belt $< 3 \times 10^8 \Omega$. Measurement according DIN EN ISO 21178.
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Fabrication

Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	CS-07; HS-26

available

PVK160N FSxFS black FR

Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Mechanical fastener, bending	102 mm / 4 in
Wedge overlap splice, counter-bending	126 mm / 5 in
Wedge overlap splice, bending	51 mm / 2 in
Z-splice, bending	38 mm / 1.5 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.

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

Obsolet - deleted from product range - remainder