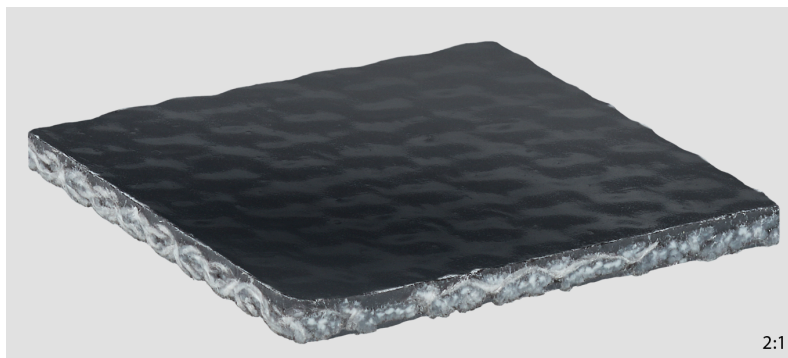


Product Data Sheet

PVK100 CxFS-NA black FR



Art. No.: 908101

M 1:2

Applications

Airport logistics

General material handling

Horizontal conveying

Logistics

Paper & corrugated cardboard industry

Wood industry

Order information

Article number	908101
Suitable for corrugated side walls	Yes
Belt style	PVK = Package Handling PVC
Standard delivery width	1829 mm / 72.01 in
Maximal delivery width (without longitudinal seam) on request	9 mm / 0.35 in
Longitudinal seam possible	On request

PVK100 CxFS-NA black FR

Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 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 spun and filament weft
Number of fabric plies	1

Technical data

Total thickness	3.3 mm ± 0.25 0.13 in ± 0.01
Weight	3.91 kg/m ² ± 0.39 0.8 lbs/ft ² ± 0.08
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	9.63 N/mm / 55 lbf/in
Recommended Elongation at fitting min.	0.75 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	18 N/mm / 100 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	0.8
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

PVK100 CxFS-NA black FR

Properties

Lateral stiffness	Laterally flexible
Troughable	No
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	FR (ASTM D-378)
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	Yes
Profiles on top face	On request
Profiles on underside	On request
Mechanical fasteners	CS-06

Minimum drum diameter

Z- splice - 70 x 11,5 mm, counter-bending	60 mm / 2.4 in
Wedge overlap splice bending, needled	80 mm / 3.1 in
Wedge overlap splice, counter-bending	200 mm / 7.9 in
Z- splice - 70 x 11,5 mm, bending	40 mm / 1.6 in

Remarks

Chemical resistance	V
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PVK100 CxFS-NA black FR

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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