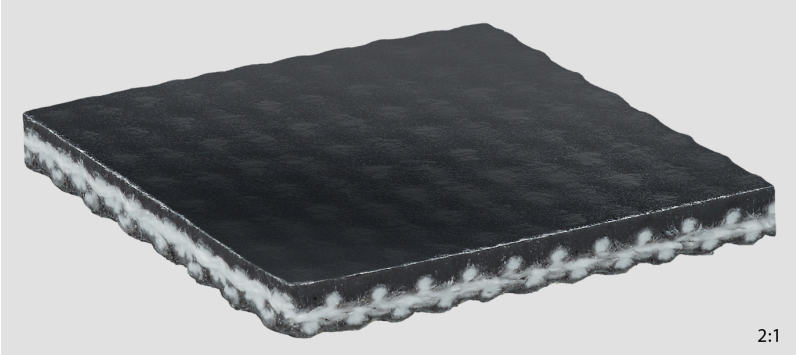
DATA SHEET

transtex
conveyor belts

Product Data Sheet

PVK125 CxFS-NA black FR



Art. No.: 908104 M 1:2

Applications

Airport logistics	
Building material industry	Cutters for plasterboard, cement fibreboard and cardboards, bitumen film, veneer
General material handling	Horizontal conveying
Glass industry	
Logistics	Telescopic conveyor
Machinery	
Paper & corrugated cardboard industry	
Wood industry	

Order information

Article number	908104
Suitable for corrugated side walls	Yes
Belt style	PVK = Package Handling PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

forbo MOVEMENT SYSTEMS

PVK125 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 weft
Number of fabric plies	1

Technical data

Total thickness	3.94 mm ± 0.39 0.155 in ± 0.016
Weight	4.39 kg/m² ± 0.44 0.9 lbs/ft² ± 0.09
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	12.26 N/mm / 70 lbf/in
Recommended Elongation at fitting min.	0.75 %
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	0.23
Friction coefficient of top face against steel panel according ISO 21182	0.65
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

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Properties

Lateral stiffness	Laterally stiff
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

Fabrication

Suitable for corrugated side walls	Yes
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	CS-06

Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Wedge overlap splice, counter-bending	64 mm / 2.5 in
Mechanical CS fastener, bending	76 mm / 3 in
Wedge overlap splice, bending	64 mm / 2.5 in
Z-splice, bending	64 mm / 2.5 in

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Remarks

Chemical resistance	V

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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