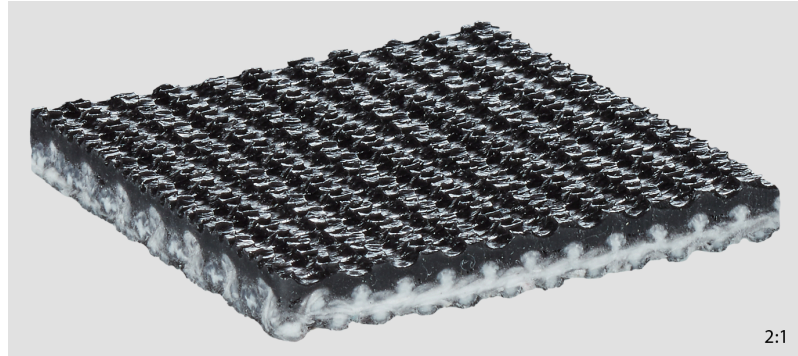


Product Data Sheet

PVK125 MRTxFS-NA black FR



Art. No.: 908105

M 1:2

Applications

Airport logistics

General material handling Inclined conveying of unit goods / containers

Logistics Braking conveyor; Start-Stop conveyor

Machinery Vacuum conveyors

Paper & corrugated cardboard industry

Order information

Article number 908105

Suitable for corrugated side walls No

Belt style PVK = Package Handling PVC

Standard delivery width 1829 mm / 72.01 in

Maximal delivery width (without longitudinal seam) on request 2000 mm / 78.74 in

Longitudinal seam possible Yes

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Construction

Top face material	Polyvinyl chloride
Surface pattern	Rough-top, mini
Coating thickness	1.52 mm / 0.06 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	4.83 mm ± 0.36 0.19 in ± 0.014
Weight	4.88 kg/m ² ± 0.37 1 lbs/ft ² ± 0.075
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	1
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	65

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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 (ASTM D-378)
Noise development	Normal
Particular surface properties	► Medium 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	No
Profiles on underside	Yes
Mechanical fasteners	HS-94; Alligator®RS125; Clipper® #2; Clipper® #3; CS-06; HS-25

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Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Mechanical Alligator® fastener, bending	76 mm / 3 in
Mechanical Clipper® fastener, bending	51 mm / 2 in
Wedge overlap splice, counter-bending	203 mm / 8 in
Mechanical CS fastener, bending	76 mm / 3 in
Mechanical HS fastener, bending	76 mm / 3 in
Wedge overlap splice, bending	126 mm / 5 in
Z-splice, bending	51 mm / 2 in

Remarks

► Top face friction equal or larger than 1.

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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