

Product Data Sheet

PVC200PS FxB-NA black FR



Art. No.: 908746

M 1:2

Applications

Airport logistics	Tray conveyor
Logistics	Parcel handling

Order information

Article number	908746
Suitable for corrugated side walls	No
Belt style	PVC = Interwoven PVC
Standard delivery width	914 mm / 35.98 in
Maximal delivery width (without longitudinal seam) on request	1524 mm / 60 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Black
Driving face material	Polyester fabric, brushed
Surface pattern	Fabric, coarse
Color	Black
Tension member material	3-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1

Technical data

Total thickness	5.84 mm ± 0.29 0.23 in ± 0.012
Weight	6.84 kg/m ² ± 0.68 1.4 lbs/ft ² ± 0.14
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	13.13 N/mm / 75 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	35 N/mm / 200 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.3
Friction coefficient of top face against steel panel according ISO 21182	0.45
Permissible operating temperature	-18/82 °C 0/180 °F

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Properties

Lateral stiffness	Laterally flexible
Troughable	Limited
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	<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	Alligator®RS187; Clipper® #4

Minimum drum diameter

Z-splice, counter-bending	102 mm / 4 in
Mechanical Alligator® fastener, bending	102 mm / 4 in
Mechanical Clipper® fastener, bending	102 mm / 4 in

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Remarks

► **USPS specification.**

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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