

Product Data Sheet

PVC350 P FxBB-NA black

Applications

General material handling	Horizontal conveying (metering)
Metalworking & automotive industry	Blank conveying/stacking systems

Order information

Article number	908733
Suitable for corrugated side walls	No
Belt style	PVC = Interwoven PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

Construction

Top face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Black
Driving face material	Polyvinyl chloride impregnation
Surface pattern	Fabric
Color	Black
Tension member material	2-ply interwoven fabric of polyester spun and filament warp and weft
Number of fabric plies	1
Remarks to tension member	Only top face saturated with PVC to make improved coating of driving face with PU possible

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Technical data

Total thickness	5.21 mm \pm 0.25 0.205 in \pm 0.01
Weight	4.64 kg/m ² \pm 0.46 0.95 lbs/ft ² \pm 0.095
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	15 N/mm / 85.65 lbf/in
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Rated working tension	61 N/mm / 350 lbf/in at 2 % Elongation
Friction coefficient of driving face against steel panel according ISO 21182	0.2
Friction coefficient of top face against steel panel according ISO 21182	0.4
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Particular surface properties	► Not adhesive ► Coating/fabric abrasion resistant
Coating/fabric exceptionally cut resistant	Yes
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

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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	On request

Minimum drum diameter

Z-splice, bending	160 mm / 6.3 in
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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.

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