

Product Data Sheet

PVC120 CxB-NA black FR



Art. No.: 908002

M 1:2

Applications

Airport logistics

General material handling Horizontal conveying; Troughed conveyor belt

Logistics Accumulation conveyor; Parcel handling; Telescopic conveyor

Tire/Rubber

Wood industry

Order information

Article number	908002
Suitable for corrugated side walls	Yes
Belt style	PVC = Interwoven PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

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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	2-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1

Technical data

Total thickness	3.35 mm ± 0.25 0.132 in ± 0.01
Weight	4.15 kg/m ² ± 0.42 0.85 lbs/ft ² ± 0.085
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8.76 N/mm / 50 lbf/in
Recommended Elongation at fitting min.	0.5 %
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	0.3
Friction coefficient of top face against steel panel according ISO 21182	1
Permissible operating temperature	-18/82 °C, for a short time 120 °C 0/180 °F, for a short time 248 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

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Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	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	Yes
Profiles on underside	Yes
Mechanical fasteners	Alligator®RS125; Clipper® G006; Clipper® UX1; CS-05; HS-24

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
Mechanical CS fastener, bending	51 mm / 2 in
Mechanical HS fastener, bending	76 mm / 3 in
Z-splice, bending	51 mm / 2 in

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Remarks

Chemical resistance	V
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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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