

Product Data Sheet

PVC120 RTxB-NA black FR



Art. No.: 908004

M 1:2

Applications

Airport logistics

General material handling Inclined conveying of unit goods / containers

Logistics Acceleration conveyor; Braking conveyor;
Parcel handling; Start-Stop conveyor

Order information

Article number 908004

Suitable for corrugated side walls No

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	Rough-top, fabric embossing
Coating thickness	5.08 mm / 0.2 in
Color	Black (~RAL 8016)
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	6.35 mm \pm 0.25 0.25 in \pm 0.01
Weight	4.88 kg/m ² \pm 0.49 1 lbs/ft ² \pm 0.1
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8.5 N/mm / 48.54 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	0.35
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
Thermal conductivity	90 W/(K*m ²)

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Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
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	► High 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	On request

Minimum drum diameter

Z-splice, counter-bending	64 mm / 2.5 in
Mechanical fastener, bending	51 mm / 2 in

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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