DATA SHEET

transtex
conveyor belts

Product Data Sheet

PVC120 LT CTxB-NA black



Art. No.: 908750 M 1:2

Applications

Agriculture	Harvesting machines
General material handling	Horizontal conveying also at low temperatures; Inclined conveying of bulk goods also at low temperatures; Troughed conveyor belt; Tube conveyor belt

Order information

Article number	908750
Suitable for corrugated side walls	No
Belt style	PVC = Interwoven PVC
Standard delivery width	1829 mm / 72.01 in
Longitudinal seam possible	Yes

forbo MOVEMENT SYSTEMS

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Construction

Top face material	Polyvinyl chloride, low temperature resistant
Surface pattern	Crescent top
Coating thickness	5.08 mm / 0.2 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	6.1 mm ± 0.3 0.24 in ± 0.012
Weight	4.15 kg/m² ± 0.42 0.85 lbs/ft² ± 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
Permissible operating temperature	-29/82 °C -20/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	65

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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	No
Noise development	Normal
Belt support	Slider bed (support rollers possible)
UV resistance	Good

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties

Fabrication

Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	Yes
Mechanical fasteners	HS-26; Alligator®RS62; Clipper® #1; Clipper® UX1

Minimum drum diameter

Z-splice, counter-bending	76 mm / 3 in
Mechanical Alligator® fastener, bending	51 mm / 2 in
Mechanical Clipper® fastener, bending	51 mm / 2 in
Wedge overlap splice, counter-bending	89 mm / 3.5 in
Mechanical HS fastener, bending	102 mm / 4 in
Z-splice, bending	51 mm / 2 in

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Remarks

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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