

Product Data Sheet

PVC120 HMxB-NA black FR



Art. No.: 908037

M 1:2

Applications

Agriculture

Building material industry Brick conveying / Tiles conveying / Stone transport

General material handling Horizontal conveying; Troughed conveyor belt

Order information

Article number 908037

Suitable for corrugated side walls Yes

Belt style PVC = Interwoven PVC

Standard delivery width 1829 mm / 72.01 in

Longitudinal seam possible Yes

PVC120 HMxB-NA black FR

Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Matte, heavy
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	0.6
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	80

PVC120 HMxB-NA black FR

Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	No
Flame-retardant	FR (ASTM D-378)
Noise development	Normal
Particular surface properties	► Not adhesive
Belt support	Slider bed (support rollers possible)
UV resistance	Normal

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
-----------------------	---

Fabrication

Suitable for corrugated side walls	Yes
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	Alligator®RS125; Clipper® #1; Clipper® UX1

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
Wedge overlap splice, counter-bending	64 mm / 2.5 in
Z-splice, bending	51 mm / 2 in

Remarks

Chemical resistance	V
----------------------------	---

PVC120 HMxB-NA black FR

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.

Date of last change: 11/4/2024 10:36:50 AM