

Product Data Sheet

PU120 CxF-NA black



Art. No.: 908020

M 1:2

Applications

General material handling	Horizontal conveying; Troughed conveyor belt
----------------------------------	--

Logistics	
------------------	--

Order information

Article number	908020
Suitable for corrugated side walls	Yes
Belt style	PU = Polyurethane
Standard delivery width	1880 mm / 74.02 in
Longitudinal seam possible	Yes

PU120 CxF-NA black

Construction

Top face material	Polyurethane, hard
Surface pattern	Smooth
Coating thickness	1.02 mm / 0.04 in
Color	Black
Driving face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Black
Tension member material	2-ply interwoven fabric of polyester spun warp and weft
Number of fabric plies	1
Remarks to tension member	Carcass impregnated with oil and fat resistant polyvinylchloride

Technical data

Total thickness	3.35 mm ± 0.25 0.132 in ± 0.01
Weight	4.15 kg/m ² ± 0.31 0.85 lbs/ft ² ± 0.064
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	7.01 N/mm / 40 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	0.45
Friction coefficient of top face against steel panel according ISO 21182	1
Permissible operating temperature	-18/82 °C 0/180 °F
Hardness of top face coating as per DIN 53505 (Shore A)	90

PU120 CxF-NA black

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	<ul style="list-style-type: none"> ▶ Good grip ▶ High cut resistance ▶ Coating/fabric high abrasion resistant ▶ Adhesive ▶ Good cut resistance
Belt support	Support rollers
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

PU120 CxF-NA black

Remarks

Chemical resistance	U
----------------------------	---

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: 8/29/2024 10:49:52 AM