

Product Data Sheet

PF120 LT AR CTxF-NA blue



4:3

Art. No.: 908010

M 1:2

Applications

| | |
|----------------------------------|--|
| Agriculture | Harvesting machines |
| Chemistry | |
| Food industry | Transport of packed food in freezers |
| General material handling | Inclined conveying of bulk goods also at very low temperatures; Troughed conveyor belt |

Order information

| | |
|---|--------------------|
| Article number | 908010 |
| Suitable for corrugated side walls | No |
| Belt style | PF = PolarFlex |
| Standard delivery width | 1829 mm / 72.01 in |
| Longitudinal seam possible | Yes |

PF120 LT AR CTxF-NA blue

Construction

| | |
|--------------------------------|--|
| Top face material | Polyvinyl chloride, low temperature & abrasion resistant |
| Surface pattern | Crescent top |
| Coating thickness | 5.08 mm / 0.2 in |
| Color | Blue |
| Driving face material | Polyvinyl chloride, low temperature & abrasion resistant |
| Surface pattern | Fabric |
| Coating thickness | 0.1 mm / 0.004 in |
| Color | Blue |
| 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/m ² ± 0.21 0.85 lbs/ft ² ± 0.042 |
| 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 | 0.45 |
| Permissible operating temperature | -40/82 °C, for a short time 90 °C -40/180 °F, for a short time 194 °F |
| Hardness of top face coating as per DIN 53505 (Shore A) | 85 |

PF120 LT AR CTxF-NA blue

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 |
| Particular surface properties | <ul style="list-style-type: none"> ▶ Good grip ▶ High Grip ▶ Coating/fabric abrasion especially resistant ▶ 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 | No |
| Profiles on top face | No |
| Profiles on underside | Yes |
| Mechanical fasteners | 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 |

PF120 LT AR CTxF-NA blue

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.

Date of last change: 10/28/2024 8:34:30 AM