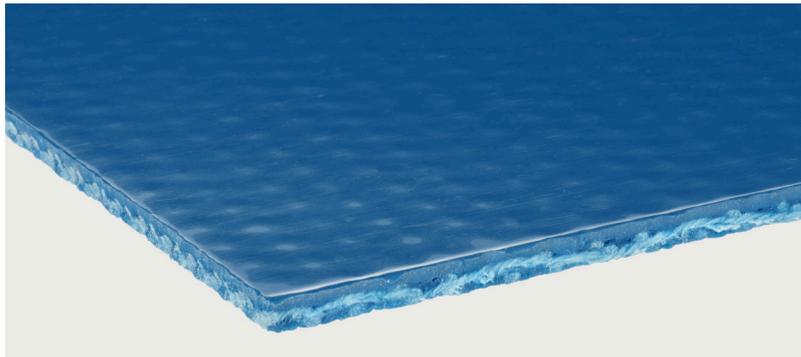


Product Data Sheet

PVC120 OFR CxF-NA royal blue FDA



Art. No.: 908145

M 1:2

Applications

| | |
|--|---|
| Agriculture | Processing of fruits and vegetables (also oily and fatty) |
| Fish industry & meat industry | Meat processing; Seafood processing |
| Food industry | Processing of food (also oily and fatty) |
| General material handling | Horizontal conveying (metering); Troughed conveyor belt |

Order information

| | |
|---|----------------------|
| Article number | 908145 |
| Suitable for corrugated side walls | Yes |
| Belt style | PVC = Interwoven PVC |
| Standard delivery width | 1829 mm / 72.01 in |
| Longitudinal seam possible | On request |

PVC120 OFR CxF-NA royal blue FDA

Construction

| | |
|--------------------------------|---|
| Top face material | Polyvinyl chloride, oil and fat resistant |
| Surface pattern | Smooth |
| Coating thickness | 1.02 mm / 0.04 in |
| Color | Signal blue (~RAL 5005) |
| Driving face material | Polyvinyl chloride, oil and fat resistant |
| Surface pattern | Fabric |
| Coating thickness | 0.1 mm / 0.004 in |
| Color | Signal blue (~RAL 5005) |
| Tension member material | 2-ply interwoven fabric of polyester spun warp and weft |
| Number of fabric plies | 1 |

Technical data

| | |
|---|---|
| Total thickness | 3.25 mm ± 0.25 0.128 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 | 8.5 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 | 0.4 |
| Permissible operating temperature | -18/82 °C 0/180 °F |
| Hardness of top face coating as per DIN 53505 (Shore A) | 80 |

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Properties

| | |
|--------------------------------------|--------------------|
| Lateral stiffness | Laterally flexible |
| Troughable | Yes |
| Suitable for accumulation | No |
| Inclined conveying | No |
| Suitable for knife edges | No |
| Suitable for curves | Yes |
| Flame-retardant | No |
| Noise development | Normal |
| Particular surface properties | ► Good grip |
| Belt support | Support rollers |
| UV resistance | Normal |

Food properties

| | |
|------------------|---|
| FDA 21CFR | Suitable for the transport of unpacked Food in compliance with FDA regulation 21CFR |
|------------------|---|

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 | CS-05; HS-24 |

Minimum drum diameter

| | |
|--|----------------|
| Z- splice - 70 x 11,5 mm, counter-bending | 40 mm / 1.6 in |
| Z- splice - 70 x 11,5 mm, bending | 40 mm / 1.6 in |

PVC120 OFR CxF-NA royal blue FDA

Remarks

| | |
|----------------------------|------|
| Chemical resistance | Good |
|----------------------------|------|

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: 3/12/2024 10:38:30 AM