

### Product Data Sheet

# NP (FTP2-100 OFR CxF-NA royal blue FDA)

#### Applications

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

#### Order information

|   |                            |
|---|----------------------------|
| <b>Article number</b>                     | 908941                     |
| <b>Suitable for corrugated side walls</b> | Yes                        |
| <b>Belt style</b>                         | FTP = Forbo Transtex Plied |
| <b>Standard delivery width</b>            | 1829 mm / 72.01 in         |
| <b>Longitudinal seam possible</b>         | Yes                        |

#### Construction

|                                |   |
|--------------------------------|---|
| <b>Top face material</b>       | Polyvinyl chloride, oil and fat resistant |
| <b>Surface pattern</b>         | Smooth                                    |
| <b>Coating thickness</b>       | 1.02 mm / 0.04 in                         |
| <b>Color</b>                   | Royal blue                                |
| <b>Driving face material</b>   | Polyvinyl chloride, oil and fat resistant |
| <b>Surface pattern</b>         | Fabric                                    |
| <b>Coating thickness</b>       | 0.1 mm / 0.004 in                         |
| <b>Color</b>                   | White                                     |
| <b>Tension member material</b> | Fabric of polyester spun warp and weft    |
| <b>Number of fabric plies</b>  | 2   |
| <b>Driving face weave</b>      | Plain weave                               |

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#### Technical data

|   |   |
|---|---|
| <b>Total thickness</b>  | 2.92 mm ± 0.29<br>0.115 in ± 0.012                              |
| <b>Weight</b>   | 3.91 kg/m <sup>2</sup> ± 0.39<br>0.8 lbs/ft <sup>2</sup> ± 0.08 |
| <b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b> | 7.89 N/mm / 45.04 lbf/in  |
| <b>Recommended Elongation at fitting min.</b>   | 0.3 %   |
| <b>Rated working tension</b>  | 18 N/mm / 100 lbf/in at 2 % Elongation                          |
| <b>Friction coefficient of driving face against steel panel according ISO 21182</b>                 | 0.45  |
| <b>Friction coefficient of top face against steel panel according ISO 21182</b>                     | 0.9   |
| <b>Permissible operating temperature</b>  | -18/82 °C<br>0/180 °F   |
| <b>Hardness of top face coating as per DIN 53505 (Shore A)</b>                                      | 80  |

#### Properties

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

#### Food properties

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

Obsolet - deleted from product range

### NP (FTP2-100 OFR CxF-NA royal blue FDA)

#### Electrostatic properties

|                       |   |
|-----------------------|---|
| <b>Not antistatic</b> | Belt material with electrically insulating properties |
|-----------------------|---|

#### Fabrication

|   |   |
|---|---|
| <b>Suitable for corrugated side walls</b> | Yes   |
| <b>Profiles on top face</b>               | Yes   |
| <b>Profiles on underside</b>              | Yes   |
| <b>Mechanical fasteners</b>               | Alligator®RS62; Clipper® 1SP; Clipper® G006; Clipper® UX1SP |

#### Minimum drum diameter

|  |                |
|--|----------------|
| <b>Z-splice, counter-bending</b>               | 64 mm / 2.5 in |
| <b>Mechanical Alligator® fastener, bending</b> | 51 mm / 2 in   |
| <b>Mechanical Alligator® fastener, bending</b> | 51 mm / 2 in   |

#### Remarks

|                            |   |
|----------------------------|---|
| <b>Chemical resistance</b> | 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: 12/1/2025 11:07:15 AM

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