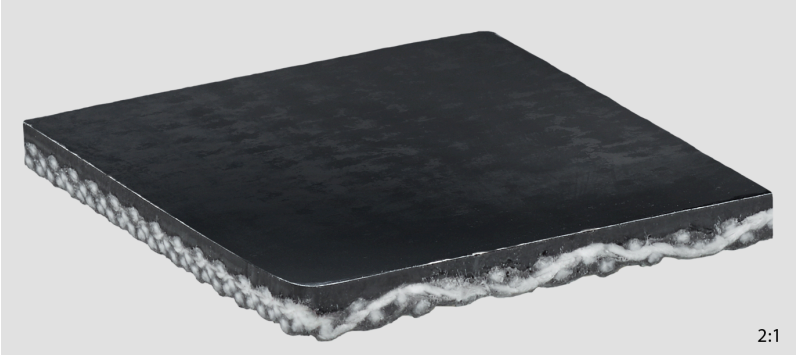
DATA SHEET

**transtex**
conveyor belts

Product Data Sheet

# PU150 CxF-NA black




Art. No.: 908882 M 1:2

## Applications

| | |
|---|---|
| **Building material industry** | Brick setting belt |
| **General material handling** | Horizontal conveying (metering); Waste conveyor, recycling conveyor |
| **Metalworking & automotive industry** | Punch press belt; Transport of metal parts; Wrapper belt for coil machinery in steel and aluminium processing |
| **Paper & corrugated cardboard industry** | |

## Order information

| | |
|---|---|
| **Article number** | 908882 |
| **Suitable for corrugated side walls** | Yes |
| **Belt style** | PU = Polyurethane |
| **Standard delivery width** | 1829 mm / 72.01 in |
| **Longitudinal seam possible** | Yes |



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# PU150 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 |
| **Weave pattern** | 1 |
| **Remarks to tension member** | Carcass impregnated with oil and fat resistant polyvinylchloride |

## Technical data

| | |
|---|---|
| **Total thickness** | 4.06 mm ± 0.25<br>0.16 in ± 0.01 |
| **Weight** | 4.88 kg/m² ± 0.49<br>1 lbs/ft² ± 0.1 |
| **k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005** | 9 N/mm / 51.39 lbf/in |
| **Recommended Elongation at fitting min.** | 0.5 % |
| **Recommended Elongation at fitting max.** | 1.5 % |
| **Rated working tension** | 26 N/mm / 150 lbf/in at 2 % Elongation |
| **Friction coefficient of driving face against steel panel according ISO 21182** | 0.8 |
| **Friction coefficient of top face against steel panel according ISO 21182** | 1 |
| **Permissible operating temperature** | -29/82 °C<br>-20/180 °F |
| **Hardness of top face coating as per DIN 53505 (Shore A)** | 90 |

# PU150 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** | ► Good grip<br>► Coating/fabric high abrasion resistant<br>► High cut resistance<br>► Adhesive |
| **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** | On request |

## Minimum drum diameter

| | |
|---|---|
| **Z-splice, counter-bending** | 76 mm / 3 in |
| **Wedge overlap splice, bending** | 89 mm / 3.5 in |

## Remarks

| | |
|---|---|
| **Chemical resistance** | Very Good |

# PU150 CxF-NA black

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