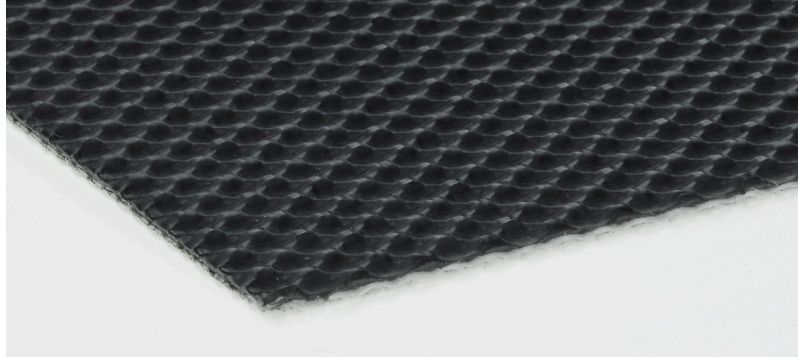


Product Data Sheet

E 12/2 0/U3 GSTR-C-SE black



Art. No.: 906718

M 1:2

Applications

Airport logistics

General material handling

Curved belt

Logistics

Full belt merge; Parcel handling

Order information

Article number

906718

Suitable for corrugated side walls

No

Standard delivery width

3000 mm / 118.11 in

Longitudinal seam possible

Yes

siegling transilon

conveyor and processing belts

E 12/2 0/U3 GSTR-C-SE black

Construction

| | |
|--------------------------------|--|
| Top face material | Polyurethane |
| Surface pattern | Coarse texture, roller embossing |
| Coating thickness | 0.3 mm / 0.012 in |
| Color | Black (~RAL 9005) |
| Driving face material | Polyester fabric |
| Surface pattern | Fabric |
| Color | Transparent |
| Tension member material | Laterally flexible fabric of polyester warp and weft |
| Number of fabric plies | 2 |
| Driving face weave | Plain weave |

Technical data

| | |
|---|--|
| Total thickness | 2.1 mm ± 0.15 0.083 in ± 0.006 |
| Weight | 2.05 kg/m ² ± 0.15 0.42 lbs/ft ² ± 0.031 |
| k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005 | 4.5 N/mm / 25.7 lbf/in |
| Recommended Elongation at fitting min. | 0.3 % |
| Recommended Elongation at fitting max. | 1 % |
| Friction coefficient of driving face against steel panel according ISO 21182 | 0.16 |
| Permissible operating temperature | -30/100 °C, for a short time 120 °C -22/212 °F, for a short time 248 °F |
| Hardness of top face coating as per DIN 53505 (Shore A) | 85 |

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Properties

| | |
|----------------------------------|--|
| Lateral stiffness | Laterally flexible |
| Troughable | Yes |
| Suitable for accumulation | No |
| Inclined conveying | Yes |
| Suitable for knife edges | No |
| Suitable for curves | Yes |
| Flame-retardant | Flame-retardant according to EN 20340/ISO 340 and ASTM 378-D |
| Noise development | Normal |
| Belt support | Slider bed (support rollers possible) |

Electrostatic properties

| | |
|-------------------|--|
| Antistatic | Belt material with an electrically conductive antistatic agent. Volume resistance (RDi) in longitudinal direction parallel to plane of belt $< 3 \times 10^8 \Omega$. Measurement according DIN EN ISO 21178. |
|-------------------|--|

Fabrication

| | |
|---|------------|
| Belt edge sealing | On request |
| Suitable for corrugated side walls | No |
| Profiles on top face | On request |
| Profiles on underside | Yes |
| Mechanical fasteners | CS-05 |

Minimum drum diameter

| | |
|---|----------------|
| Z- splice - 70 x 11,5 mm, counter-bending | 40 mm / 1.6 in |
| Stepped overlap splice - 70mm, counter-bending | 60 mm / 2.4 in |
| Stepped Z-splice - 35 x 11,5 mm, counter-bending | 60 mm / 2.4 in |
| Z- splice - 70 x 11,5 mm, bending | 24 mm / 0.9 in |

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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. See our brochure "Technical Information 1" no. 317 which shows the types of belts that can be supplied and the manufacturing tolerances. Customised types require written confirmation.

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