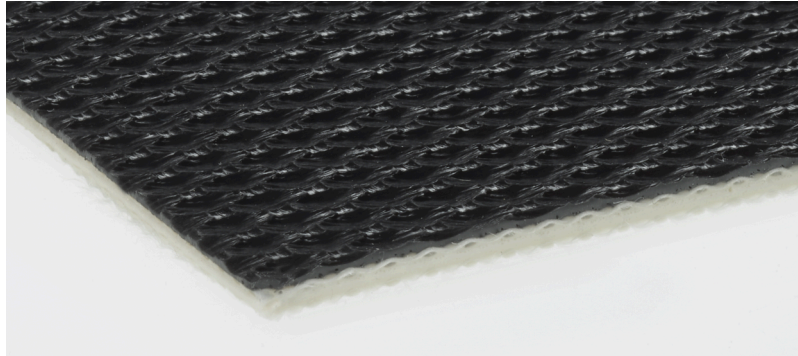


Product Data Sheet

# E 12/2 U0/V6 GSTR-C-SE

## black



Art. No.: 906495

M 1:2

### Applications

Airport logistics

General material handling

Curved belt

Logistics

Parcel handling

### Order information

Article number

906495

Suitable for corrugated side walls

No

Standard delivery width

4050 mm / 159.45 in

Longitudinal seam possible

Yes

## siegling transilon

conveyor and processing belts

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#### Construction

<b>Top face material</b>	Polyvinyl chloride
<b>Surface pattern</b>	Coarse texture
<b>Coating thickness</b>	0.6 mm / 0.024 in
<b>Color</b>	Black
<b>Driving face material</b>	Polyurethane impregnation
<b>Surface pattern</b>	Fabric
<b>Color</b>	Transparent
<b>Tension member material</b>	Laterally flexible fabric of polyester warp and weft
<b>Number of fabric plies</b>	2
<b>Driving face weave</b>	Plain weave

#### Technical data

<b>Total thickness</b>	2.65 mm ± 0.1 0.104 in ± 0.004
<b>Weight</b>	2.7 kg/m <sup>2</sup> ± 0.2 0.553 lbs/ft <sup>2</sup> ± 0.041
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	3.5 N/mm / 19.99 lbf/in
<b>Recommended Elongation at fitting min.</b>	0.3 %
<b>Recommended Elongation at fitting max.</b>	1 %
<b>Friction coefficient of driving face against steel panel according ISO 21182</b>	0.18
<b>Permissible operating temperature</b>	-15/70 °C, for a short time 90 °C 5/158 °F, for a short time 194 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	70

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#### Properties

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

#### Electrostatic properties

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

<b>Belt edge sealing</b>	On request
<b>Suitable for corrugated side walls</b>	No
<b>Profiles on top face</b>	Yes
<b>Profiles on underside</b>	Yes
<b>Mechanical fasteners</b>	KS; HS-21; HS-23

#### Minimum drum diameter

<b>Z- splice - 70 x 11,5 mm, counter-bending</b>	30 mm / 1.2 in
<b>Stepped overlap splice - 70mm, counter-bending</b>	60 mm / 2.4 in
<b>Stepped Z-splice, counter-bending</b>	60 mm / 2.4 in
<b>Z- splice - 70 x 11,5 mm, bending</b>	24 mm / 0.9 in

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#### Remarks

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<b>Chemical resistance</b>	V
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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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