

### Product Data Sheet

# E 18/3 V1/V1 grey

#### Order information

Article number	907085
Suitable for corrugated side walls	No
Standard delivery width	2100 mm / 82.68 in
Longitudinal seam possible	Yes

#### Construction

Top face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Grey (~RAL 7037)
Driving face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Grey (~RAL 7037)
Tension member material	Exceptionally laterally stiff fabric of polyester warp and weft
Number of fabric plies	3
Driving face weave	Both sides coated

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### Technical data

<b>Total thickness</b>	2.6 mm ± 0.2 0.102 in ± 0.008
<b>Weight</b>	2.9 kg/m <sup>2</sup> ± 0.2 0.594 lbs/ft <sup>2</sup> ± 0.041
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	9 N/mm / 51.39 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>	0.31
<b>Friction coefficient of top face against steel panel according ISO 21182</b>	0.25
<b>Permissible operating temperature</b>	-10/70 °C, for a short time 90 °C 14/158 °F, for a short time 194 °F

### Properties

<b>Lateral stiffness</b>	Laterally stiff
<b>Troughable</b>	No
<b>Suitable for accumulation</b>	Limited
<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>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 < 3 x 10 <sup>8</sup> Ω. Measurement according DIN EN ISO 21178.
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#### Fabrication

<b>Belt edge sealing</b>	Smartseal
<b>Suitable for corrugated side walls</b>	No
<b>Profiles on top face</b>	On request
<b>Profiles on underside</b>	On request
<b>Mechanical fasteners</b>	On request

#### Minimum drum diameter

<b>Z-splice, counter-bending</b>	140 mm / 5.5 in
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#### Remarks

<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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