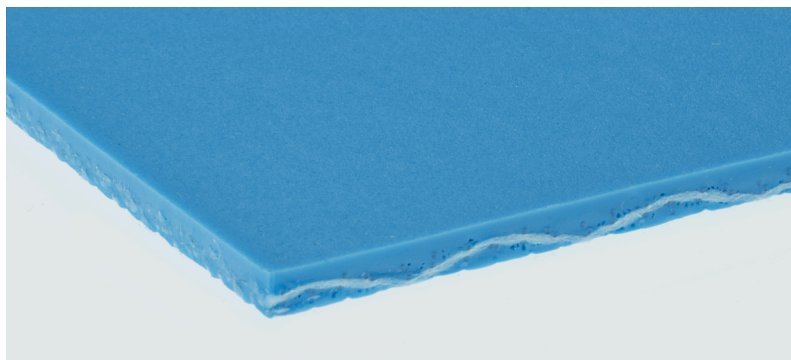


### Product Data Sheet

# E 10/M V1/V10 MT blue FDA



Art. No.: 906533

M 1:2

### Applications

#### Agriculture

#### Fish industry & meat industry

Meat processing

#### Food industry

Fruit & vegetable processing; Sorter belt

#### General material handling

Troughed conveyor belt

### Order information

#### Article number

906533

#### Suitable for corrugated side walls

On request

#### Standard delivery width

3100 mm / 122.05 in

#### Longitudinal seam possible

Yes

### E 10/M V1/V10 MT blue FDA

#### Construction

<b>Top face material</b>	Polyvinyl chloride
<b>Surface pattern</b>	Matte
<b>Coating thickness</b>	1 mm / 0.039 in
<b>Color</b>	Sky blue (~RAL 5015)
<b>Driving face material</b>	Polyvinyl chloride
<b>Surface pattern</b>	Fabric, coarse
<b>Coating thickness</b>	0.1 mm / 0.004 in
<b>Color</b>	Sky blue (~RAL 5015)
<b>Tension member material</b>	Conditionally laterally stiff solid-woven fabric of polyester warp and weft
<b>Number of fabric plies</b>	Multi-layer
<b>Driving face weave</b>	Solid-woven fabric
<b>Remarks to tension member</b>	Exceptionally strong and wear-resistant fabric design

#### Technical data

<b>Total thickness</b>	2.85 mm ± 0.2 0.112 in ± 0.008
<b>Weight</b>	3.3 kg/m <sup>2</sup> ± 0.2 0.676 lbs/ft <sup>2</sup> ± 0.041
<b>k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005</b>	6 N/mm / 34.26 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>	0.25
<b>Permissible operating temperature</b>	-10/70 °C, for a short time 90 °C 14/158 °F, for a short time 194 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	56

### E 10/M V1/V10 MT blue FDA

#### Properties

<b>Lateral stiffness</b>	Laterally flexible
<b>Troughable</b>	Yes
<b>Suitable for accumulation</b>	Yes
<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>Coating/fabric exceptionally cut resistant</b>	Yes
<b>Belt support</b>	Slider bed (support rollers possible)

#### Food properties

<b>(EU) 10/2011 and (EC) 1935/2004</b>	Suitable for the transport of unpacked Food in compliance with food safety regulation (EU) 10/2011 and regulation (EC) 1935/2004
<b>FDA 21CFR</b>	Suitable for the transport of unpacked Food in compliance with FDA regulation 21CFR
<b>Halal</b>	Certificated Halal product. Meets trade description order 2011 and CODEX Alimentarius 1997 guidelines under supervision of Islamic Food Research Centre Hong Kong & Asia Region

#### Electrostatic properties

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

### E 10/M V1/V10 MT blue FDA

#### Fabrication

<b>Belt edge sealing</b>	Smartseal
<b>Suitable for corrugated side walls</b>	On request
<b>Profiles on top face</b>	Yes
<b>Profiles on underside</b>	Yes
<b>Mechanical fasteners</b>	CS-05; HS-24

#### Minimum drum diameter

<b>Z-splice, counter-bending</b>	60 mm / 2.4 in
<b>Wedge overlap splice, counter-bending</b>	60 mm / 2.4 in
<b>Z-splice, bending</b>	40 mm / 1.6 in

#### Remarks

<b>Chemical resistance</b>	V-FDA
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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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