

### Product Data Sheet

# E 8/2 U0/U2 MT-C-SE black



Art. No.: 906391

M 1:2

### Applications

#### Airport logistics

**General material handling** Curved belt; Horizontal conveying (metering)

**Logistics** Full belt merge

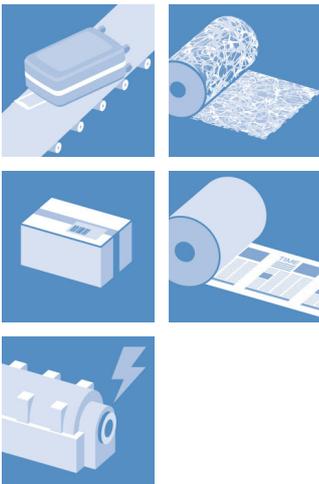
### Order information

**Article number** 906391

**Suitable for corrugated side walls** No

**Standard delivery width** 4300 mm / 169.29 in

**Longitudinal seam possible** Yes



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#### Construction

Top face material	Polyurethane
Surface pattern	Matt
Coating thickness	0.2 mm / 0.008 in
Color	Black (~RAL 9005)
Driving face material	Polyurethane impregnation
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	1.2 mm ± 0.15 0.047 in ± 0.006
Weight	1.4 kg/m <sup>2</sup> ± 0.15 0.287 lbs/ft <sup>2</sup> ± 0.031
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	5 N/mm / 28.55 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	0.17
Friction coefficient of top face against steel panel according ISO 21182	0.75
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

<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>	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 $< 3 \times 10^8 \Omega$ . 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>	On request
<b>Profiles on underside</b>	On request
<b>Mechanical fasteners</b>	KS

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#### Minimum drum diameter

<b>Z- splice - 70 x 11,5 mm, counter-bending</b>	14 mm / 0.6 in
<b>Stepped overlap splice - 70mm, counter-bending</b>	30 mm / 1.2 in
<b>Stepped Z-splice, counter-bending</b>	30 mm / 1.2 in
<b>Rolling knife egde (Z-Splice)</b>	10 mm / 0.4 in
<b>Z- splice - 70 x 11,5 mm, bending</b>	8 mm / 0.3 in
<b>Remarks</b>	Only suitable for rolling knife edges

#### Remarks

<b>Chemical resistance</b>	U
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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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