

### Product Data Sheet

# RE 8/2 U0/V5H MT-SE black

#### Applications

<b>Airport logistics</b>	Luggage transport behind check-in
<b>General material handling</b>	Horizontal conveying (metering)
<b>Logistics</b>	Accumulation, discharge, Side loading; Collecting conveyor; Parcel handling; Telescopic conveyor

#### Order information

<b>Article number</b>	901014
<b>Suitable for corrugated side walls</b>	On request
<b>Standard delivery width</b>	3100 mm / 122.05 in
<b>Longitudinal seam possible</b>	Yes

#### Construction

<b>Top face material</b>	Polyvinyl chloride, hard
<b>Surface pattern</b>	Matt
<b>Coating thickness</b>	0.5 mm / 0.02 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 stiff fabric of recycled polyester warp and weft
<b>Number of fabric plies</b>	2
<b>Driving face weave</b>	Twill weave, low-noise

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#### Technical data

<b>Total thickness</b>	2.25 mm ± 0.2 0.089 in ± 0.008
<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>	8 N/mm / 45.68 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>	0.2
<b>Friction coefficient of top face against steel panel according ISO 21182</b>	0.3
<b>Permissible operating temperature</b>	-10/80 °C, for a short time 90 °C 14/176 °F, for a short time 194 °F
<b>Hardness of top face coating as per DIN 53505 (Shore A)</b>	85

#### Properties

<b>Lateral stiffness</b>	Laterally stiff
<b>Troughable</b>	No
<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>	Flame-retardant according to EN 20340/ISO 340 and ASTM 378-D
<b>Noise development</b>	Low noise
<b>Belt support</b>	Slider bed (support rollers possible)

#### Food properties

Not suitable for the transport of unpacked food according (EU) 10/2011 and (EC) 1935/2004, FDA 21CFR or MHLW 370.

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#### 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>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; KS

#### Minimum drum diameter

<b>Z- splice - 70 x 11,5 mm, counter-bending</b>	50 mm / 2 in
<b>Z- splice - 70 x 11,5 mm, bending</b>	36 mm / 1.4 in

#### Remarks

<b>Chemical resistance</b>	VH
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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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