

Product Data Sheet

RE 8/2 U0/V5H MT-SE black

Applications

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

Order information

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

Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Matt
Coating thickness	0.5 mm / 0.02 in
Color	Black
Driving face material	Polyurethane impregnation
Surface pattern	Fabric
Color	Transparent
Tension member material	Laterally stiff fabric of recycled polyester warp and weft
Number of fabric plies	2
Driving face weave	Twill weave, low-noise

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Technical data

Total thickness	2.25 mm \pm 0.2 0.089 in \pm 0.008
Weight	2.7 kg/m ² \pm 0.2 0.553 lbs/ft ² \pm 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8 N/mm / 45.68 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	0.2
Friction coefficient of top face against steel panel according ISO 21182	0.3
Permissible operating temperature	-10/80 °C, for a short time 90 °C 14/176 °F, for a short time 194 °F
Hardness of top face coating as per DIN 53505 (Shore A)	85

Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	Yes
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	Flame-retardant according to EN 20340/ISO 340 and ASTM 378-D
Noise development	Low noise
Belt support	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

Antistatic	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

Suitable for corrugated side walls	On request
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	CS-05; HS-24; KS

Minimum drum diameter

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

Remarks

Chemical resistance	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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