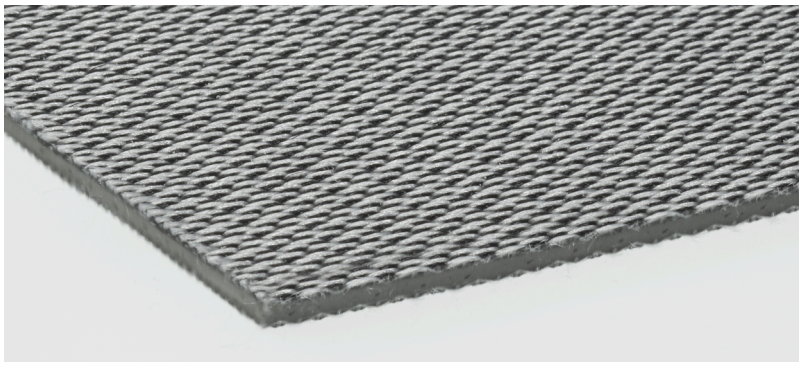
Product Data Sheet

E 12/2 U0/V/U0 SE silver grey



Art. No.: 999903 M 1:2

Applications

Airport logistics	
General material handling	Horizontal conveying
Logistics	Accumulation conveyor; Collecting conveyor; Parcel handling; Pusher conveyor
Technical Textiles / Roll up Doors	Roll-up door material

Order information

Article number	999903
Suitable for corrugated side walls	No
Standard delivery width	3000 mm / 118.11 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyurethane impregnation
Surface pattern	Fabric
Color	Silver grey
Driving face material	Polyurethane impregnation
Surface pattern	Fabric
Color	Silver grey
Tension member material	Exceptionally laterally stiff fabric of polyester warp and weft
Number of fabric plies	2
Driving face weave	Twill weave, low-noise

Technical data

Total thickness	2 mm ± 0.15 0.079 in ± 0.006
Weight	2.3 kg/m² ± 0.15 0.471 lbs/ft² ± 0.031
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	10.5 N/mm / 59.96 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	0.19
Friction coefficient of top face against steel panel according ISO 21182	0.2
Permissible operating temperature	-10/70 °C, for a short time 90 °C 14/158 °F, for a short time 194 °F

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Properties

Lateral stiffness	Exceptionally 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)

Electrostatic properties

Antistatic	Belt material with an electrically conductive antistatic agent. Volume resistance (RDi) in longitudinal direction parallel to plane of belt < 3 x 10^8 Ω. Measurement according DIN EN ISO 21178.

Fabrication

Belt edge sealing	On request
Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	KS; CS-05; HS-21

Minimum drum diameter

Z-splice, counter-bending	60 mm / 2.4 in
Stepped overlap splice, counter-bending	90 mm / 3.5 in
Stepped Z-splice, counter-bending	160 mm / 6.3 in

Remarks

Chemical resistance	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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