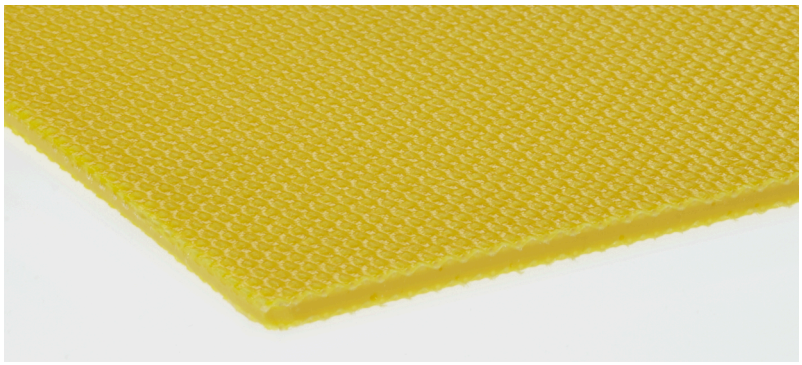
Product Data Sheet

E 8/2 V1/V1 NA yellow



Art. No.: 906481 M 1:2

Applications

General material handling	Metal detectors
Plastics	Conditoning storage units for foamed plastics
Technical Textiles / Roll up Doors	Concertina walls, protection curtains, side skirts, covering belts; Roll-up door material

Order information

Article number	906481
Suitable for corrugated side walls	No
Standard delivery width	3100 mm / 122.05 in
Longitudinal seam possible	Yes

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Construction

Top face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Yellow (~RAL 1023)
Driving face material	Polyvinyl chloride
Surface pattern	Fabric
Coating thickness	0.1 mm / 0.004 in
Color	Yellow (~RAL 1023)
Tension member material	Laterally stiff fabric of polyester warp and weft
Number of fabric plies	2
Driving face weave	Plain weave

Technical data

Total thickness	2 mm ± 0.15 0.079 in ± 0.006
Weight	2.35 kg/m² ± 0.15 0.481 lbs/ft² ± 0.031
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	5.25 N/mm / 29.98 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	0.24
Friction coefficient of top face against steel panel according ISO 21182	0.24
Permissible operating temperature	-10/70 °C, for a short time 90 °C 14/158 °F, for a short time 194 °F
Heat transfer coefficient	70 W/(K*m²)

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Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	Limited
Inclined conveying	No
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Belt support	Slider bed (support rollers possible)

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties

Fabrication

Belt edge sealing	On request
Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	On request

Minimum drum diameter

Z-splice, counter-bending	50 mm / 2 in

Remarks

Chemical resistance	V

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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Date of last change: 3/24/2025 6:30:45 AM