

Product Data Sheet

E 8/2 V2H/V2H MT/MT blue FDA

Applications

Food industry

Order information

Article number	907123
Suitable for corrugated side walls	No
Standard delivery width	2100 mm / 82.68 in
Longitudinal seam possible	On request

Construction

Top face material	Polyvinyl chloride, hard
Surface pattern	Matte
Coating thickness	0.2 mm / 0.008 in
Color	Blue
Driving face material	Polyvinyl chloride, hard
Surface pattern	Matte
Coating thickness	0.2 mm / 0.008 in
Color	Blue
Tension member material	Laterally stiff fabric of polyester warp and weft
Number of fabric plies	2
Driving face weave	Both sides coated

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Technical data

Total thickness	2.6 mm ± 0.15 0.102 in ± 0.006
Weight	3.2 kg/m ² ± 0.2 0.655 lbs/ft ² ± 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	5.5 N/mm / 31.41 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	0.22
Friction coefficient of top face against steel panel according ISO 21182	0.25
Permissible operating temperature	-10/70 °C, for a short time 90 °C 14/158 °F, for a short time 194 °F
Hardness of top face coating as per DIN 53505 (Shore A)	88

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	No
Noise development	Normal
Belt support	Slider bed (support rollers possible)

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Food properties

FDA 21CFR	Suitable for the transport of unpacked Food in compliance with FDA regulation 21CFR
Halal	Certificated Halal product. Meets trade description order 2011 and CODEX Alimentarius 1997 guidelines under supervision of Islamic Food Research Centre Hong Kong & Asia Region

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

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

Minimum drum diameter

Z- splice - 70 x 11,5 mm, counter-bending	60 mm / 2.4 in
Z- splice - 70 x 11,5 mm, bending	40 mm / 1.6 in

Remarks

Chemical resistance	V-FDA
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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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