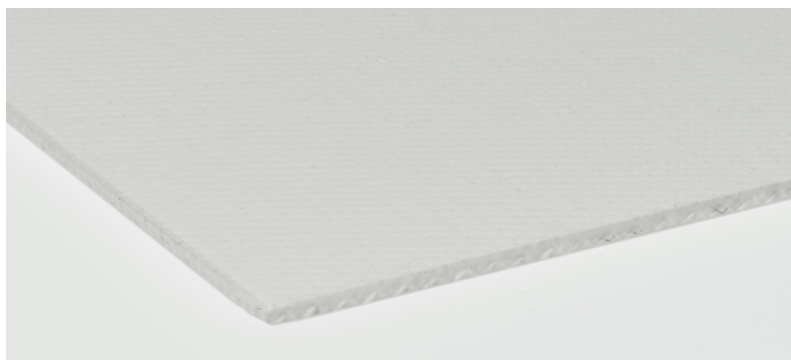


Product Data Sheet

E 3/1 U0/S3 HACCP-FF-PS

white FDA



Art. No.: 906828

M 1:2

Applications

Candy industry	Cooling tunnel belt
Food industry	Inclined transport and positioning food; Plastic film and shrink wrapping machines
General material handling	Checkweighers; Conveying of hot and sticky goods
Application Group	Mini conveyor (see remarks)

Order information

Article number	906828
Suitable for corrugated side walls	No
Standard delivery width	3000 mm / 118.11 in
Longitudinal seam possible	No

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Construction

Top face material	Silicone
Surface pattern	Smooth
Coating thickness	0.3 mm / 0.012 in
Color	White
Driving face material	Polyurethane impregnation
Surface pattern	Fabric
Color	Transparent
Tension member material	Laterally stiff fabric of polyester warp and weft
Number of fabric plies	1
Driving face weave	Plain weave

Technical data

Total thickness	0.95 mm $\pm$ 0.1 0.037 in $\pm$ 0.004
Weight	0.85 kg/m ² $\pm$ 0.1 0.174 lbs/ft ² $\pm$ 0.02
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	2 N/mm / 11.42 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	0.17
Permissible operating temperature	-30/100 °C, for a short time 120 °C -22/212 °F, for a short time 248 °F
Hardness of top face coating as per DIN 53505 (Shore A)	30
Heat transfer coefficient	170 W/(K*m ²)

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Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	No
Suitable for knife edges	Yes
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Belt construction for reduced residual shrinkage	Yes
Frayfree belt design: Belt edges are wear resistant and non fraying	Yes
Belt support	Slider bed (support rollers possible)

Food properties

(EU) 10/2011 and (EC) 1935/2004	Suitable for the transport of unpacked Food in compliance with food safety regulation (EU) 10/2011 and regulation (EC) 1935/2004
FDA 21CFR	Suitable for the transport of unpacked Food in compliance with FDA regulation 21CFR
MHLW 370	Compliant to the regulation MHLW 370 (Ministry of Health and Welfare Notification No. 370) for the transport of unpackaged foodstuffs.
HACCP	Special design that supports the HACCP concept; resistant to hot water; ideal for frequent cleaning cycles.

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	No
Suitable for corrugated side walls	No
Profiles on top face	No
Profiles on underside	On request
Mechanical fasteners	KS

Minimum drum diameter

Z- splice - 35 x 5,75 mm, counter-bending	14 mm / 0.6 in
Z- splice - 70 x 11,5 mm, counter-bending	14 mm / 0.6 in
Z- splice - 35 x 5,75 mm, bending	8 mm / 0.3 in
Z- splice - 70 x 11,5 mm, bending	8 mm / 0.3 in
Z-splice, minimum radius fixed knife edge	3 mm / 0.1 in

Remarks

► In case of using the material for a mini-conveyor application, give enough tension to prevent slippage under maximum load.

Chemical resistance	S
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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.

Date of last change: 5/27/2025 9:49:17 AM