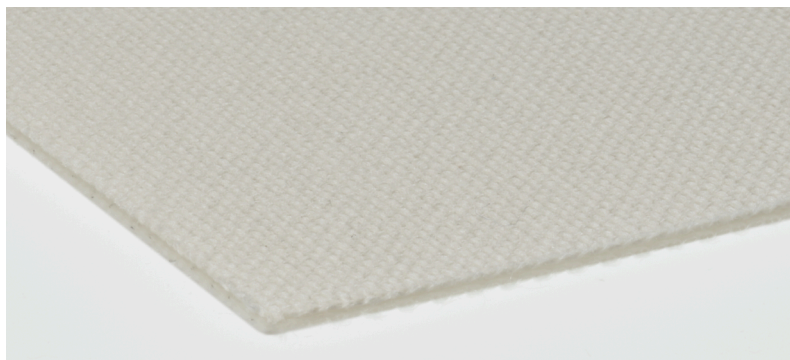


Product Data Sheet

E 3/2 0/U/C FINE white



Art. No.: 999638

M 1:2

Applications

Bakery industry	Set belts for dough conveying
Application Group	Mini conveyor (see remarks)

Order information

Article number	999638
Suitable for corrugated side walls	No
Standard delivery width	1400 mm / 55.12 in
Longitudinal seam possible	No

Construction

Top face material	Cotton
Surface pattern	Fabric, fine
Color	White
Driving face material	Polyester fabric
Surface pattern	Fabric
Color	Transparent
Tension member material	Laterally stiff fabric of polyester warp and weft
Number of fabric plies	2
Driving face weave	Twill weave, low-noise

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Technical data

Total thickness	1.4 mm ± 0.1 0.055 in ± 0.004
Weight	1.3 kg/m ² 0.266 lbs/ft ²
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	2.5 N/mm / 14.28 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	0.22
Permissible operating temperature	-10/100 °C, for a short time 120 °C 14/212 °F, for a short time 248 °F

Properties

Lateral stiffness	Laterally flexible
Troughable	Yes
Suitable for accumulation	No
Inclined conveying	No
Suitable for knife edges	Yes
Suitable for curves	No
Flame-retardant	No
Noise development	Low noise
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
MHLW 370	Compliant to the regulation MHLW 370 (Ministry of Health and Welfare Notification No. 370) for the transport of unpackaged foodstuffs.

siegling transilon conveyor and processing belts

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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

Belt edge sealing	Smartseal; Proseal
Suitable for corrugated side walls	No
Profiles on top face	Yes
Profiles on underside	Yes
Mechanical fasteners	KS; HS-21

Minimum drum diameter

Z- splice - 70 x 11,5 mm, counter-bending	24 mm / 0.9 in
Mechanical KS fastener (single-ply) with overlap splice, bending	40 mm / 1.6 in
Mechanical KS fastener (single-ply) with overlap splice, counter-bending	40 mm / 1.6 in
Mechanical KS fastener (single-ply) with Z-splice, bending	24 mm / 0.9 in
Mechanical KS fastener (single-ply) with Z-splice, counter-bending	24 mm / 0.9 in
Stepped overlap splice, bending	24 mm / 0.9 in
Stepped overlap splice, counter-bending	40 mm / 1.6 in
Z- splice - 70 x 11,5 mm, bending	14 mm / 0.6 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	C
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The physical data in this data sheet is approximate, can alter depending on production environments and was

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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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