

Product Data Sheet

E 3/2 U0/U/C ROUGH

transparent



Art. No.: 906667

M 1:2

Applications

Bakery industry	Dough conveying; Dough forming machines; Set belts for dough conveying
Food industry	Feeder belt / transfer belt

Order information

Article number	906667
Suitable for corrugated side walls	No
Standard delivery width	2900 mm / 114.17 in
Longitudinal seam possible	No

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Construction

Top face material	Polyester-cotton fabric
Surface pattern	Fabric, coarse
Color	Transparent
Driving face material	Polyurethane impregnation
Surface pattern	Fabric
Color	Transparent
Tension member material	Laterally flexible fabric of polyester warp and cotton weft
Number of fabric plies	2
Driving face weave	Staple fiber fabric with plain weave, low noise

Technical data

Total thickness	2 mm ± 0.1 0.079 in ± 0.004
Weight	1.7 kg/m ² ± 0.1 0.348 lbs/ft ² ± 0.02
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	3 N/mm / 17.13 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	0.21
Friction coefficient of top face against steel panel according ISO 21182	0.21
Permissible operating temperature	-30/100 °C, for a short time 120 °C -22/212 °F, for a short time 248 °F

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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
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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 <math>< 3 \times 10^8 \Omega</math>. 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	No
Profiles on underside	Yes
Mechanical fasteners	KS; HS-21

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Minimum drum diameter

Z-splice, counter-bending	30 mm / 1.2 in
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Z-splice, bending	14 mm / 0.6 in
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Z-splice, minimum radius fixed knife edge	3 mm / 0.1 in
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Remarks

Chemical resistance	C
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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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