

Product Data Sheet

E 8/2 U0/U2 MT black



Art. No.: 901017

M 1:2

Applications

General material handling	Horizontal conveying also at low temperatures
Logistics	Parcel handling

Order information

Article number	901017
Suitable for corrugated side walls	Yes (HF recommend)
Standard delivery width	3050 mm / 120.08 in
Longitudinal seam possible	On request

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Construction

Top face material	Polyurethane
Surface pattern	Matt
Coating thickness	0.2 mm / 0.008 in
Color	Black (~RAL 9005)
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	2
Driving face weave	Twill weave, low-noise

Technical data

Total thickness	1.45 mm ± 0.15 0.057 in ± 0.006
Weight	1.55 kg/m ² ± 0.15 0.317 lbs/ft ² ± 0.031
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	8 N/mm / 45.68 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	0.8
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)	85

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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	Low noise
Belt support	Slider bed (support rollers possible)

Food properties

Not suitable for the transport of unpacked food according (EU) 10/2011 and (EC) 1935/2004, FDA 21CFR or MHLW 370.

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

Suitable for corrugated side walls	Yes (HF recommend)
Profiles on top face	On request
Profiles on underside	On request

Minimum drum diameter

Z- splice - 70 x 11,5 mm, counter-bending	30 mm / 1.2 in
Z- splice - 70 x 11,5 mm, bending	24 mm / 0.9 in

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Remarks

► Can be used at temperatures down to 0°C with a drum diameter of just 30 mm and counter-bending; Larger drum diameters for temperatures down to -30°C on request

No Translation.

Chemical resistance U

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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