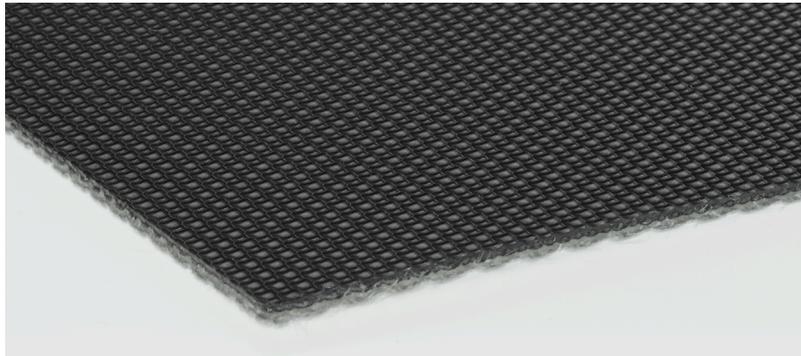


Product Data Sheet

E 8/2 U0/U2 STR-HC black



Art. No.: 900154

M 1:2

Applications

Airport logistics	X-ray conveyors for airports
General material handling	Horizontal conveying and inclined conveying of small components / bulky goods
Plastics / Chemical / Electronics industry	

Order information

Article number	900154
Suitable for corrugated side walls	No
Standard delivery width	2200 mm / 86.61 in
Longitudinal seam possible	Yes



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Construction

Top face material	Polyurethane
Surface pattern	Normal texture
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	Plain weave

Technical data

Total thickness	1.6 mm ± 0.15 0.063 in ± 0.006
Weight	1.8 kg/m ² ± 0.2 0.369 lbs/ft ² ± 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	6 N/mm / 34.26 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
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)	94

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Properties

Lateral stiffness	Laterally stiff
Troughable	No
Suitable for accumulation	No
Inclined conveying	Limited
Suitable for knife edges	No
Suitable for curves	No
Flame-retardant	No
Noise development	Normal
Belt support	Slider bed (support rollers possible)

Electrostatic properties

Highly conductive	Belt material with electrically conductive antistatic agents. Conductive top face and often conductive driving face, too. Resistance of the conductive surface(s) (ROA) < 3 x 10 ⁹ Ω. 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, counter-bending	24 mm / 0.9 in
Stepped Z-splice, counter-bending	24 mm / 0.9 in
Z-splice, bending	24 mm / 0.9 in

Remarks

Chemical resistance	U
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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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