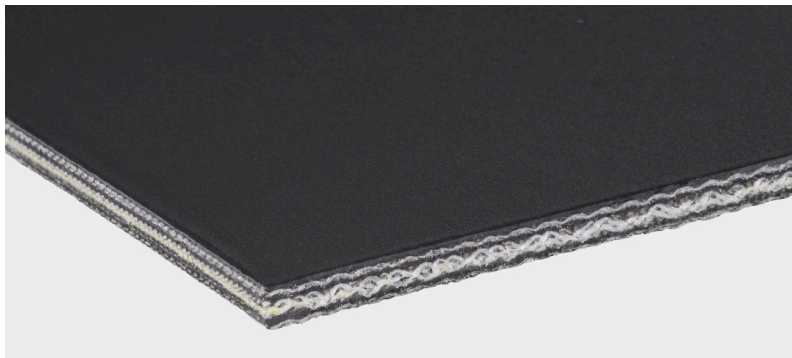


Product Data Sheet

AE 60/3 U0/U4H MT black



Art. No.: 909241

M 1:2

Applications

Building material industry	Brick conveying / Tiles conveying / Stone transport
Overall Applications	General applications
Steel	Transport of metal parts
Wood industry	Board conveying; Prepress belt

Order information

Article number	909241
Suitable for corrugated side walls	On request
Standard delivery width	3100 mm / 122.05 in
Longitudinal seam possible	On request

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Construction

Top face material	Polyurethane, hard
Surface pattern	Matte
Coating thickness	0.4 mm / 0.016 in
Color	Black (~RAL 9005)
Driving face material	Polyurethane impregnation
Surface pattern	Fabric
Color	Transparent (~RAL 9005)
Tension member material	High modulus special fabric with aramid straight warp, joined on both sides to laterally stiff fabrics of polyester warp and weft.
Number of fabric plies	3
Driving face weave	Plain weave
Remarks to tension member	Exceptionally strong and wear-resistant fabric design

Technical data

Total thickness	4 mm ± 0.2 0.157 in ± 0.008
Weight	4.4 kg/m ² ± 0.2 0.901 lbs/ft ² ± 0.041
k1% value relaxed (effective pull at 1% elongation), established in line with ISO 21181:2005	45 N/mm / 256.96 lbf/in
Recommended Elongation at fitting min.	0.15 %
Recommended Elongation at fitting max.	0.8 %
Friction coefficient of driving face against steel panel according ISO 21182	0.19
Friction coefficient of top face against steel panel according ISO 21182	0.4
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)	92

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Properties

Lateral stiffness	Exceptionally 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
Coating/fabric exceptionally cut resistant	Yes
Belt support	Slider bed (support rollers possible)

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	On request
Suitable for corrugated side walls	On request
Profiles on top face	On request
Profiles on underside	On request
Mechanical fasteners	On request

Minimum drum diameter

Z- splice - 110 x 11,5 mm, counter-bending	160 mm / 6.3 in
Z- splice - 110 x 11,5 mm, bending	125 mm / 4.9 in

Remarks

Chemical resistance	UH
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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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