

Product Data Sheet

UU 10E-5 green

Order information

Article number	810014
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Construction

Surface material top face	Polyurethane
Surface pattern	Smooth
Color	Green
Surface material underside	Polyurethane
Surface pattern	Smooth
Color	Green
Tension member material	Polyester cords, endless helically wound

Technical data

Total thickness	0.5 mm \pm 0.15 0.02 in \pm 0.006
Weight	0.6 kg/m ² 0.123 lbs/ft ²
Fw' at 1 % elongation at fitting	22 N/mm / 125.62 lbf/in
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	11 N/mm / 62.81 lbf/in
Nominal effective pull (Fu',Nenn)	3 N/mm
Recommended Elongation at fitting min.	0.5 %
Recommended Elongation at fitting max.	1.5 %
Permissible operating temperature	-20/60 °C, for a short time 70 °C -4/140 °F, for a short time 158 °F

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Properties

Troughable	No
Suitable for accumulation	No
Easy cleaning	Yes
Not sensitive to climatic fluctuation	Yes

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

Profiles on top face	No
Profiles on underside	No

Minimum drum diameter

Mechanical fasteners	
Without splice (endless)	30 mm / 1.2 in

Remarks

Chemical resistance	U
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The physical data in this data sheet is approximate, can alter depending on production environments. The belts should be stored under normal ambient conditions climate (23 °C, 50 % humidity) as per DIN EN ISO 291. Fluctuations in climate can cause variations. See our brochure "Compendium Flat Belts" no. 333 which shows the types of belts that can be supplied and the manufacturing tolerances. Customised types require written confirmation.

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