



Product Data Sheet

UU 40U-11 BMB GSTR/FSTR

black/green

Applications

Packaging	Packaging machines
Paper Manufacturing	Cross-cutters (paper, cardboard, plastic film)
Paper Manufacturing, Packaging	Carrier belt for paper and packaging
Postal	Letter sorting machines
Printing	Post press (compensating stackers, bundlers); Sheet-fed printing (folding machines, sheet feeders, sheet dischargers)
Yarn	Conveying of trays in winding frames; Winder: Empty tube
Application Group	Machine Tapes

Order information

Article number	855676
Standard delivery width	600 mm / 23.62 in
Maximal delivery width (without longitudinal seam) on request	1200 mm / 47.24 in

Construction

Surface material top face	Polyurethane
Surface pattern	Fine texture
Color	Green
Surface material underside	Polyurethane
Surface pattern	Coarse texture
Color	Black
Tension member material	Polyurethane, elastic

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Sustainability

Coating made from biomass-balanced raw materials of bio-based origin	Renewable raw materials; Organic, resource-saving raw materials; Positive contribution to life cycle/carbon emissions; Supports your sustainability concept
Savings CO₂ [kg/m²]	On request

Technical data

Total thickness	1.1 mm ± 0.1 0.043 in ± 0.004
Weight	1.2 kg/m ² 0.246 lbs/ft ²
Fw' at 1 % elongation at fitting	0.6 N/mm / 3.43 lbf/in
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	0.3 N/mm / 1.71 lbf/in
Recommended Elongation at fitting min.	3 %
Recommended Elongation at fitting max.	8 %
Depending on the application, different elongation at fitting might be necessary. Please enquire.	
Friction coefficient of top face against steel panel according to internal test instruction	0.6
Friction coefficient of underside against steel panel according to internal test instruction	0.6
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	Yes
Suitable for accumulation	No
Easy cleaning	Yes
Highly elastic	Yes
Not susceptible to shocks	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 <math>< 3 \times 10^8 \Omega</math>. Measurement according DIN EN ISO 21178.
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Fabrication

Belt edge sealing	On request
Profiles on top face	Yes
Profiles on underside	Yes

Minimum drum diameter

Mechanical fasteners	
Z- splice - 35 x 11,5 mm, counter-bending	14 mm / 0.6 in
Remarks	Rolling knife edge possible

Remarks

> Suitable for short center distances with L/W < 1. Extreme small pulley diameter possible.

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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