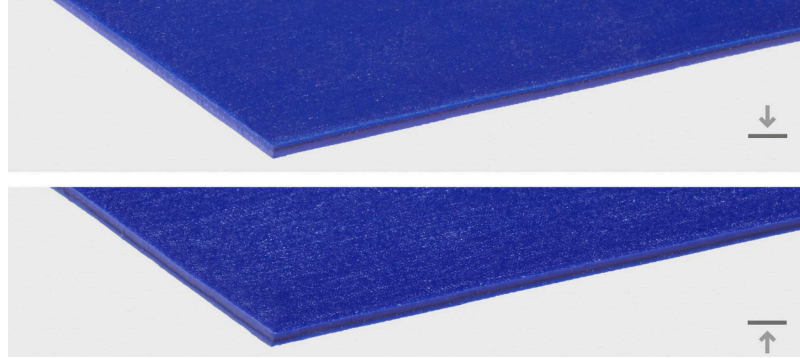


Product Data Sheet

UR 40U-12 FSTR blue FDA



Art. No.: 855647

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Applications

Beverage / Packaging	Checkweighers; Labelling machines
Meat / Poultry / Seafood	Buffer conveyors; Slicers
Application Group	Elastic Food Tapes

Order information

Article number	855647
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	High Grip
Surface pattern	Fine texture
Color	Ultramarine blue (~RAL 5002)
Surface material underside	Polyurethane
Surface pattern	Fine texture
Color	Ultramarine blue (~RAL 5002)
Tension member material	Polyurethane, elastic

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Technical data

Total thickness	1.2 mm ± 0.1 0.047 in ± 0.004
Weight	1.3 kg/m ² 0.266 lbs/ft ²
Fw' at 1 % elongation at fitting	0.25 N/mm / 1.43 lbf/in
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	0.12 N/mm / 0.71 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	1.8
Friction coefficient of underside against steel panel according to internal test instruction	1.2
Permissible operating temperature	-20/60 °C -4/140 °F

Properties

Troughable	Yes
Suitable for accumulation	No
Particular surface properties	► High Grip
Highly elastic	Yes
Not susceptible to shocks	Yes
Very high abrasion-resistant	Yes
Not sensitive to climatic fluctuation	Yes

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Food properties

(EU) 10/2011 and (EC) 1935/2004	Suitable for the transport of unpacked Food in compliance with food safety regulation (EU) 10/2011 and regulation (EC) 1935/2004
FDA 21CFR	Suitable for the transport of unpacked Food in compliance with FDA regulation 21CFR

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	No
Profiles on top face	On request
Profiles on underside	On request

Minimum drum diameter

Mechanical fasteners	
Z- splice - 35 x 5,75 mm, counter-bending	10 mm / 0.4 in
Remarks	Rolling knife edge possible

Remarks

- > Suitable for short center distances with $L/W < 1$. Extreme small pulley diameter possible.
- > In some applications, the belt can be operated at an elongation at fitting below the recommended minimum..

Grip Star (TM) is offered as High Grip or Medium Grip in different thicknesses and with appropriate surface structures. The belts are suitable, especially if a good grip-level, exact positioning, high acceleration or rapid deceleration is needed.

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

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written confirmation.

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