

**Data Sheet**



**UU 20U-10 NA FSTR blue  
HACCP FDA**

**Order information**

Article number	855645
Standard delivery width	600 mm / (24 in)
Maximal delivery width (without longitudinal seam) on request	1200 mm / (47 in)

**Construction**

Surface material top face	Polyurethane
Surface pattern	Fine texture
Colour	Ultramarine blue (~RAL 5002)
Surface material underside	Polyurethane
Surface pattern	Fine texture
Colour	Ultramarine blue (~RAL 5002)
Tension member material	Polyurethane, elastic

**Technical data**

Total thickness	1 mm ± 0.1 (0.039 in ± 0.004)
Weight	1.15 kg/m <sup>2</sup> (0.236 lbs/ft <sup>2</sup> )
Fw' at 1 % elongation at fitting	0.22 N/mm / (1.26 lbf/in)
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	0.11 N/mm / (0.63 lbf/in)
Elongation at break longitudinal	400 %
Elongation at fitting min.	3 %
Elongation at fitting max.	8 %
Depending on the application, different elongation at fitting might be necessary. Please enquire.	
Friction coefficient of top face against 1.2 steel panel according to internal test instruction	
Friction coefficient of underside against steel panel according to internal test instruction	1.2
Permissible operating temperature	-20/60 °C (-4/140 °F)
Hardness of top face coating as per DIN 53505 (Shore A)	85

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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

### 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
MHLW 370	Compliant to the regulation MHLW 370 (Ministry of Health and Welfare Notification No. 370) for the transport of unpackaged foodstuffs.
HACCP	Special design that supports the HACCP concept; resistant to hot water; ideal for frequent cleaning cycles.

### Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
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### Fabrication

Profiles on top face	On request
Profiles on underside	On request

### Minimum drum diameter

Z-splice (35 x 11,5 mm), counter-bending	20 mm / (0.8 in)
2 mm Overlap (elastic), counter-bending	15 mm / (0.6 in)
Remarks	Rolling knife edge possible

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### Applications

Beverage / Packaging	Checkweighers
Meat / Poultry / Seafood	Buffer conveyors; Slicers
Paper Manufacturing, Packaging	Carrier belt for paper and packaging

Application Group	Elastic Food Tapes
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### Remarks

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

Chemical resistance	U
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