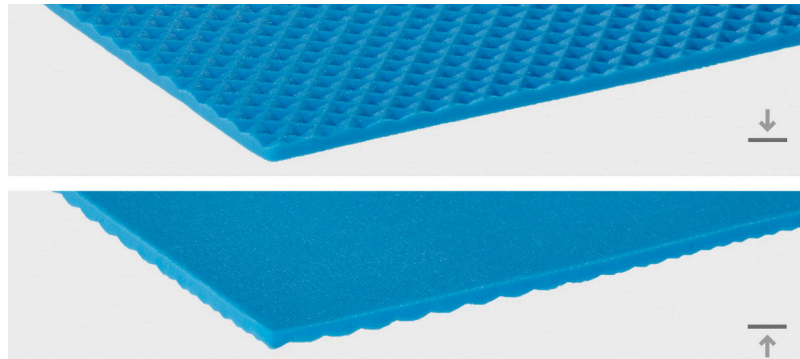


Product Data Sheet

UU 20U-NA FSTR/NP blue FDA



Art. No.: 855590

M 1:2

Applications

Dough Processing	Spreading systems
Application Group	Elastic Food Tapes

Order information

Article number	855590
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	Inverted pyramid
Color	Sky blue (~RAL 5015)
Surface material underside	Polyurethane
Surface pattern	Fine texture
Color	Sky blue (~RAL 5015)
Tension member material	Polyurethane, elastic

UU 20U-NA FSTR/NP blue FDA

Technical data

Total thickness	1.4 mm ± 0.1 0.055 in ± 0.004
Weight	1.5 kg/m ² 0.307 lbs/ft ²
Fw' at 1 % elongation at fitting	0.2 N/mm / 1.14 lbf/in
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	0.1 N/mm / 0.57 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
Friction coefficient of underside against steel panel according to internal test instruction	1
Permissible operating temperature	-20/60 °C, for a short time 70 °C -4/140 °F, for a short time 158 °F

Properties

Troughable	Yes
Suitable for accumulation	No
Highly elastic	Yes
Not susceptible to shocks	Yes
Not sensitive to climatic fluctuation	Yes

UU 20U-NA FSTR/NP blue FDA

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.

Electrostatic properties

Not antistatic	Belt material with electrically insulating properties
-----------------------	---

Fabrication

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

Minimum drum diameter

Mechanical fasteners

Z- splice - 35 x 11,5 mm, counter-bending	10 mm / 0.4 in
Z- splice - 70 x 11,5 mm, counter-bending	10 mm / 0.4 in
Butt joint, counter-bending	14 mm / 0.6 in
Endless with overlap 2mm (elastic), 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.
- > In some applications, the belt can be operated at an elongation at fitting below the recommended minimum..

Chemical resistance	U
----------------------------	---

UU 20U-NA FSTR/NP blue FDA

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.

Date of last change: 1/20/2021 4:33:20 PM