

Data Sheet

UT 20U-14 FSTR/FBRC black/blue

Order information

Article number	855652
Standard delivery width	600 mm / (24 in)
Maximal delivery width (without longitudinal seam) on request	1200 mm / (47 in)

Construction

Surface material top face	Fabric
Surface pattern	Fabric
Colour	Blue (~RAL 5019)
Surface material underside	Polyurethane
Surface pattern	Fine texture
Colour	Black
Tension member material	Polyurethane, elastic

Technical data

Total thickness	1.4 mm ± 0.1 (0.055 in ± 0.004)
Weight	1.4 kg/m ² (0.287 lbs/ft ²)
Fw' at 1 % elongation at fitting	0.3 N/mm / (1.71 lbf/in)
Relaxed specific shaft load at 1 % elongation at fitting and 180° arc of contact in N/mm belt width.	
k1% value relaxed	0.15 N/mm / (0.86 lbf/in)
Elongation at fitting min.	3 %
Elongation at fitting max.	8 %
Depending on the application, different elongation at fitting might be necessary. Please enquire.	
Permissible operating temperature	-20/50 °C (-4/122 °F)

Properties

Troughable	No
Not susceptible to shocks	Yes

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Food properties

Not suitable for the transport of unpacked food according (EU) 10/2011 and (EC) 1935/2004, FDA 21CFR or MHLW 370.

Electrostatic properties

Antistatic

Belt material with an electrically conductive antistatic agent. Resistance of the belt in longitudinal direction $R(DI) < 3 \times 10^8 \Omega$. Measurement according DIN EN ISO 21178.

Fabrication

Profiles on top face On request
 Profiles on underside On request

Minimum drum diameter

Z-splice (35 x 5,75 mm), counter-bending 20 mm / (0.8 in)

Applications

Logistics Accumulating roller conveyor; Roller supported conveyors
 Postal Letter sorting machines
 Printing Post press; Post press (saddle stitchers)

Application Group Machine Tapes; Live Roller Belts

Remarks

Applications as conveyor belt only after technical clarification.

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.