

TECHNICAL DATASHEET

Project

ON-DEMAND MANUFACTURING
1PURXK35MAT/LCW
Conveyor belt TPU Polyurethane BLUE
Complies with EU regulations for conveying foodstuff

DESCRIPTION

1	1-ply polyester fabric
PUR	TPU Polyurethane
XK	Colour: blue RAL 5010
35	Top cover thickness: 0,35 mm
MAT	Matte finish
LC	115 N/mm fabric, rigid in weft, antistatic
W	Impregnated bottomside

MAIN TECHNICAL DATA

Top cover: Hardness 85 ShA Smooth, matte

Total thickness: 0,95 mm $-0 +0,10$ mm per ply

Weight per m²: 1 050 g $\pm 10\%$
Manufacturing width: 2 000 mm

Product temperature: -40°C to +90°C

Ambient temperature: -25°C to +60°C

Type of support: Slider bed -

Coefficient of friction (on steel slider bed): 0,20 $\pm 20\%$

MECHANICAL STRENGTHS

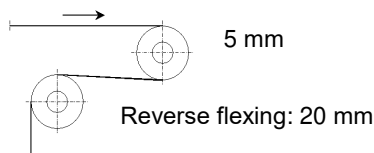
Tolerances: $-10\% +20\%$
Tensile strength: 90 N/mm

Tensile force for 1% elongation (k1%): 7 N/mm

Maximum working tension: 10 N/mm

MINIMUM PULLEY DIAMETERS

(at 20°C ambient temperature)

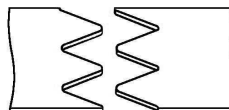


Working conditions:

- from 0°C to +8°C: add +50% on min. pulley diameter
- from -25°C to 0°C: add +100% on min. pulley diameter

The minimum pulley diameter is not related to the diameter needed to achieve a friction drive.

SPLICING OPTIONS

DS
Round finger single
splice 50 x 20 mm

DSP
Narrow single finger
splice 70 x 10 mm


PRESS SETTINGS

These recommendations may vary according to the equipment and press heating system.

Top heating platen ($\pm 10^\circ\text{C}$): 145°C

Bottom heating platen ($\pm 10^\circ\text{C}$): 140°C

Welding Time (± 1 min): 0 min

Pressure ($\pm 0,5$ bar) : 2,0 bar

Reveyron does not recommend using foil for splicing.

FASTENERS / LACING

SL00 (inox, self-lock) -

BELT FABRICATION

This belt material can be fitted with : V-guides /

These data may change. The client remains liable for the proper choice of the belt material.
Reveyron cannot be held responsible for any damage caused by improper use of the belt material.

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