reveyron ®

TECHNICAL DATASHEET

STANDARD RANGE
2PURX25MAT/SW

Conveyor belt TPU Polyurethane BLUE
Complies with EU regulations for conveying foodstuff

DESCRIPTION

2	2-ply polyester fabric
PUR	TPU Polyurethane
X	Colour: blue RAL 5015
25	Top cover thickness: 0,25 mm
MAT	Matte finish
S	40 N/mm fabric, frayless
W	Impregnated bottomside

MAIN TECHNICAL DATA

Top cover: Hardness 86 ShA   Smooth, matte

Total thickness: 1,35 mm   ± *0,1 mm per ply*

Weight per m²: 1 550 g   ± *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   ± *20%*

MECHANICAL STRENGTHS
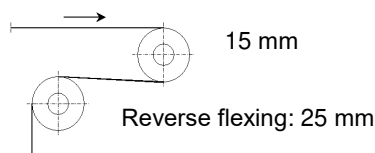*Tolerances: -10% +20%*

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)
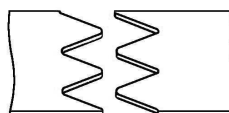
15 mm

Reverse flexing: 25 mm

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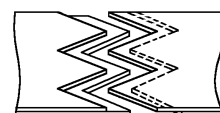- from -25°C to 0°C: add +100% on min. pulley diameter

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

DS/DEC
Round finger overlapped splice

DSP
Narrow single finger splice 70 x 10 mm

SF/PE
Straight or Diagonal single overlap splice

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

Top heating platen (± 10°C):   150°C

Bottom heating platen (± 10°C): 150°C

Welding Time (± 1 min): 1 min

Pressure (± 0,5 bar) : 2,0 bar

Reveyron does not recommend using foil for splicing.

FASTENERS / LACING

AZ5 (plastic zip) - Securi-P1 (inox, flat wires) - SL00 (inox, self-lock) -

BELT FABRICATION

This belt material can be fitted with : V-guides / Profiles / Cleats / Corrugated sidewalls /

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.

Intertek