

# TECHNICAL DATA SHEET



ISO 9001



Validation date: 17/01/2017

## CUSTOMIZED MANUFACTURING 1PURX25MAT/FW

## CONVEYOR BELT TPU BLUE

Complies with FDA and EU regulations for conveying of foodstuff

### CONSTRUCTION

- 1** 1-ply polyester fabric
- PUR** TPU polyurethan
- X** Colour : blue RAL 5015
- 25** Top cover thickness : 0,25 mm
- MAT** Mat finish
- F** 125N/mm fabric, flexible in weft
- W** Impregnated backside

### MAIN TECHNICAL DATA

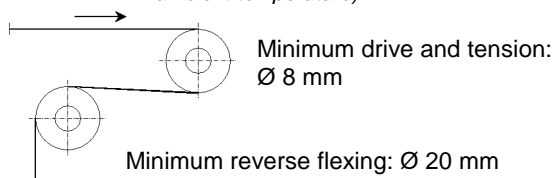
- Top cover:** hardness: 85 Sh.A surface: mat, smooth
- Total thickness:** 0,90 mm  $\pm 0,1$  mm per ply
- Weight per m<sup>2</sup>:** 950 g  $\pm 10\%$
- Friction Coefficient on steel slider bed:** 0,20  $\pm 20\%$
- Manufacturing width:** 2 000 mm
- Temperatures:**
  - \* Product temperature: -40°C to +90°C
  - \* Ambient temperature: -25°C to +60°C
- Type of support:** Slider bed

### MECHANICAL DATA

Tolerances: +20% -10%

- Breaking load:** 110 N/mm
- Load for 1% extension:** 5 N/mm
- Maximum working tension:** 10 N/mm

**Pulley diameters:** (recommended as a minimum with a 20°C ambient temperature)



*These values are not linked to the requested Ø to pull the belt to rotation.*

Ambient temperature: from 0°C to +8°C: add +50%  
from 0°C to -25°C: add +100%

### ENDLESS JOINTINGS

- Top heating plate: 150°C  $\pm 10^\circ\text{C}$
- Bottom heating plate: 140°C  $\pm 10^\circ\text{C}$
- Time: 1 mn  $\pm 1$  mn
- Pressure: 1,5 bar  $\pm 0,5$  bar
- Additional material (powder or film): none

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

### Splicing methods to be used:

DS (finger joint)



**Fasteners:** None

**Accessories that may be fitted on this belt:** None

*These data are subject to modification. Please make sure of their validity.  
REVEYRON S.A. should not be held responsible when the data sheet used is not valid anymore.*

**reveyron S.A.**

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