

# TECHNICAL DATA SHEET



ISO 9001



Validation date: 27/05/2013

## STANDARD RANGE 1PURX25MAT/CW

## 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
- C** 80 N/mm fabric, rigid in weft, antistatic
- W** Impregnated backside

### MAIN TECHNICAL DATA

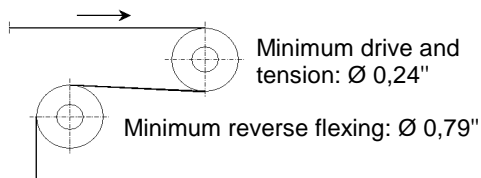
- Top cover:** hardness: 85 Sh.A surface: mat, smooth
- Total thickness:** 0,028"  $\pm 0,0039$  " per ply
- Weight per Sq Ft:** 0,16 lbs  $\pm 10\%$
- Friction Coefficient on steel slider bed:** 0,20  $\pm 20\%$
- Manufacturing width:** 78,74"
- Temperatures:**
  - \* Product temperature: -40°F to +194°F
  - \* Ambient temperature: -13°F to +140°F
- Type of support:** Slider bed

### MECHANICAL DATA

Tolerances: +20% -10%

- Breaking load:** 343 lbs/in.
- Load for 1% extension:** 29 lbs/in.
- Maximum working tension:** 46 lbs/in.

**Pulley diameters:** (recommended as a minimum with a 70°F ambient temperature)



These values are not linked to the requested  $\varnothing$  to pull the belt to rotation.

Ambient temperature: from 32°F to +46°F: add +50%  
from 32°F to -13°F: add +100%

### ENDLESS JOINTINGS

- Top heating plate: 320°F  $\pm 20$ °F
- Bottom heating plate: 293°F  $\pm 20$ °F
- Time: 1 mn  $\pm 1$  mn
- Pressure: 29 psi  $\pm 7$  psi
- 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.

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