

# TECHNICAL DATA SHEET



ISO 9001



Validation date: 07/05/2013

## STANDARD RANGE 2PURX90/FPS

## CONVEYOR BELT TPU BLUE

Complies with FDA and EU regulations for conveying of foodstuff

### CONSTRUCTION

- 2** 2-ply polyester fabric
- PUR** TPU polyurethan
- X** Colour : blue RAL 5015
- 90** Top cover thickness : 0,90 mm
- FPS** "Rice grain" positive pattern, easy to clean with seal

### MAIN TECHNICAL DATA

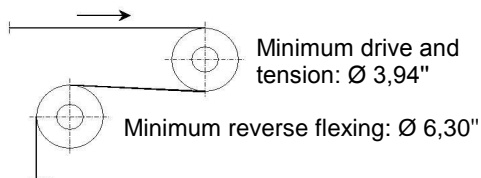
- Top cover:** hardness: 92 Sh.A surface: Mat
- Total thickness:** 0,134"  $\pm 0,0039$  " per ply
- Weight per Sq Ft:** 0,82 lbs  $\pm 10\%$
- Friction Coefficient on steel slider bed:** 0,50  $\pm 20\%$
- Manufacturing width:** 59,06"
- Temperatures:**
  - \* Product temperature: -40°F to +194°F
  - \* Ambient temperature: -13°F to +140°F
- Type of support:** Slider bed, rollers, PEHD...

### MECHANICAL DATA

Tolerances: +20% -10%

- Breaking load:** 1 028 lbs/in.
- Load for 1% extension:** 74 lbs/in.
- Maximum working tension:** 114 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: 302°F  $\pm 20$ °F
- Bottom heating plate: 302°F  $\pm 20$ °F
- Time: 2 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:** SL02 - Sécura 02 - Sécurinox 2 - Minibelt

- Accessories that may be fitted on this belt:** Except for some cases, this belt can be fitted out with : guiding profiles, cleats, sidewalls

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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