

# TECHNICAL DATA SHEET



Validation date: 21/09/2010

ISO 9001



## STANDARD RANGE 2PURX30/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  
**30** Top cover thickness : 0,35 mm  
**FPS** "Rice grain" positive pattern, easy to clean with sealed edges, rigid fabric

### MAIN TECHNICAL DATA

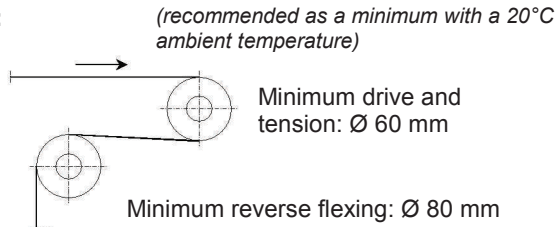
- Top cover:** hardness: 92 Sh.A surface: mat, smooth  
**Total thickness:** 2,30 mm  $\pm$  0,1 mm per ply  
**Weight per m<sup>2</sup>:** 2 600 g  $\pm$  10%  
**Friction Coefficient on steel slider bed:** 0,50  $\pm$  20%  
**Manufacturing width:** 1 500 mm  
**Temperatures:**  
\* Product temperature: -40°C to +90°C  
\* Ambient temperature: -25°C to +60°C  
**Type of support:** Slider bed, rollers, PEHD...

### MECHANICAL DATA

Tolerances: +20% -10%

- Breaking load:** 180 N/mm  
**Load for 1% extension:** 14 N/mm  
**Maximum working tension:** 20 N/mm

### Pulley diameters:



These values are not linked to the requested  $\varnothing$  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: 160°C  $\pm$  10°C  
Bottom heating plate: 160°C  $\pm$  10°C  
Time: 2 mn  $\pm$  1 mn  
Pressure: 2,0 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:

SL01 - SL02 - Sécura 01 -  
Sécurinox 1 - Minibelt - Sécuri  
G2

### 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.

**reveyron S.A.**

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