

# TECHNICAL DATA SHEET



Validation date: 10/01/2011

ISO 9001



## STANDARD RANGE 2PURXD/CW

## 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
- D** Diamond pattern on running side
- C** 80N/mm fabric, rigid in weft, antistatic
- W** Impregnated backside

### MAIN TECHNICAL DATA

<b>Top cover:</b>	hardness: 92 Sh.A	surface: diamond profile
<b>Total thickness:</b>	0,067"	± 0,0039 " per ply
<b>Weight per Sq Ft:</b>	0,32 lbs	± 10%
<b>Friction Coefficient on steel slider bed:</b>	0,20	± 20%
<b>Manufacturing width:</b>	78,74"	
<b>Temperatures:</b>		
* Product temperature:	-40°F to +194°F	
* Ambient temperature:	-13°F to +140°F	
<b>Type of support:</b>	Slider bed	

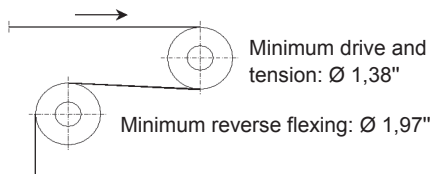
### MECHANICAL DATA

Tolerances: +20% -10%

<b>Breaking load:</b>	685 lbs/in.
<b>Load for 1% extension:</b>	57 lbs/in.
<b>Maximum working tension:</b>	86 lbs/in.

### Pulley diameters:

(recommended as a minimum with a 70°F ambient temperature)



These values are not linked to the requested Ø 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:	338°F ± 20°F
Bottom heating plate:	302°F ± 20°F
Time:	2 mn ± 1 mn
Pressure:	22 psi ± 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)



PE step overlap



DS/DEC (double finger joint)



### Fasteners:

SL01 - Sécura 01 - Securinox 1  
- SecuriG001

### Accessories that may be fitted on this belt:

Except for some cases, this belt can be fitted out with longitudinal tracking profiles

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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