

# TECHNICAL DATA SHEET



ISO 9001



Validation date: 29/11/2011

## CUSTOMIZED MANUFACTURING CONVEYOR BELT TPU BLUE 1PURX0/CW

Complies with FDA and EU regulations for conveying of foodstuff

### Splicing : with a TPU film (Blue RAL 5017 or white)

#### CONSTRUCTION

<b>1</b>	1-ply polyester fabric
<b>PUR</b>	TPU polyurethan
<b>X</b>	Colour : blue RAL 5015
<b>0</b>	Impregnated fabric without cover, suited for food contact
<b>C</b>	80N/mm fabric, rigid in weft, antistatic
<b>W</b>	Impregnated backside

#### MAIN TECHNICAL DATA

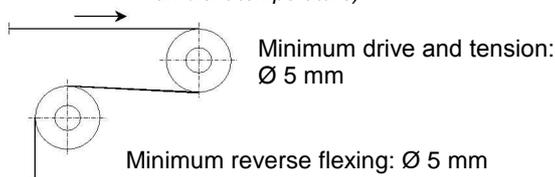
<b>Top cover:</b>	surface: TPU impregnated fabric
<b>Total thickness:</b>	0,45 mm $\pm$ 0,1 mm per ply
<b>Weight per m<sup>2</sup>:</b>	250 g $\pm$ 10%
<b>Friction Coefficient on steel slider bed:</b>	0,20 $\pm$ 20%
<b>Manufacturing width:</b>	2 000 mm
<b>Temperatures:</b>	
* Product temperature:	-40°C to +90°C
* Ambient temperature:	-25°C to +60°C
<b>Type of support:</b>	Slider bed

#### MECHANICAL DATA

Tolerances: +20% -10%

<b>Breaking load:</b>	60 N/mm
<b>Load for 1% extension:</b>	5 N/mm
<b>Maximum working tension:</b>	6 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:	175°C $\pm$ 10°C
Bottom heating plate:	150°C $\pm$ 10°C
Time:	1 mn $\pm$ 1 mn
Pressure:	2,0 bar $\pm$ 0,5 bar
Additional material (powder or film):	yes

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.**

247, route du Mas Rillier, Les Echets - 01700 MIRIBEL - France

Tél.: +33 (0)4 78 91 81 01

Fax: +33 (0)4 78 91 05 09

www.reveyron.com

E.mail: info@reveyron.fr