

# TECHNICAL DATA SHEET



ISO 9001



Validation date: 10/01/2013

## CUSTOMIZED MANUFACTURING CONVEYOR BELT TPU Black 2PURN160I/LCW

### CONSTRUCTION

<b>2</b>	2-ply polyester fabric
<b>PUR</b>	TPU polyurethan
<b>N</b>	Colour : black
<b>160</b>	Top cover thickness : 1,60 mm
<b>I</b>	Clear inner ply
<b>LC</b>	115 N/mm fabric, rigid in weft, antistatic
<b>W</b>	Impregnated backside

### MAIN TECHNICAL DATA

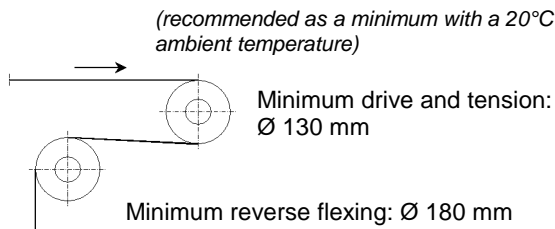
<b>Top cover:</b>	hardness: 92 Sh.A	surface: Mat, smooth
<b>Total thickness:</b>	4,00 mm $\pm 0,1$ mm per ply	
<b>Weight per m<sup>2</sup>:</b>	4 600 g $\pm 10\%$	
<b>Friction Coefficient on steel slider bed:</b>	0,20 $\pm 20\%$	
<b>Manufacturing width:</b>	2 000 mm	
<b>Temperatures:</b>		
* Product 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>	200 N/mm
<b>Load for 1% extension:</b>	11 N/mm
<b>Maximum working tension:</b>	25 N/mm

### Pulley diameters:



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:	170°C $\pm 10$ °C
Bottom heating plate:	170°C $\pm 10$ °C
Time:	2 mn $\pm 1$ mn
Pressure:	2,0 bar $\pm 0,5$ bar
Additional material (powder or film):	none

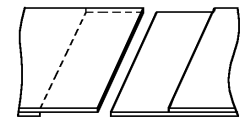
These recommendations may vary according to the equipment used and press heating system.

### Splicing methods to be used:

DS (finger joint)



PE  
(overlap joint)



DS/DEC  
(double finger joint)



### Fasteners:

Sécura 03 - Aiport - Gémini

### 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.**

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](http://www.reveyron.com)

E.mail: [info@reveyron.fr](mailto:info@reveyron.fr)