

# TECHNICAL DATA SHEET



ISO 9001



Validation date: 10/01/2013

## CUSTOMIZED MANUFACTURING

## CONVEYOR BELT TPU Black

### CONSTRUCTION

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

### MAIN TECHNICAL DATA

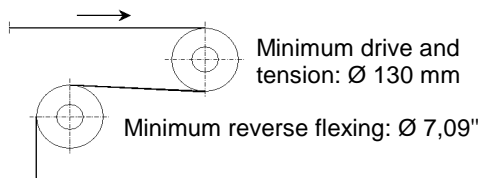
- Top cover:** hardness: 92 Sh.A surface: Mat, smooth
- Total thickness:** 0,157"  $\pm 0,0039$  " per ply
- Weight per Sq Ft:** 0,94 lbs  $\pm 10\%$
- Friction Coefficient on steel slider bed:** 0,20  $\pm 20\%$
- Manufacturing width:** 78,74"
- Temperatures:**
  - \* Product temperature: -40°F to +194°F
  - \* Ambient temperature: -13°F to +140°F
- Type of support:** Slider bed

### MECHANICAL DATA

Tolerances: +20% -10%

- Breaking load:** 1 142 lbs/in.
- Load for 1% extension:** 63 lbs/in.
- Maximum working tension:** 143 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%

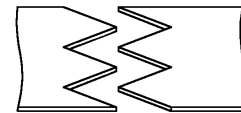
### ENDLESS JOINTINGS

- Top heating plate: 338°F  $\pm 20^\circ$ F
- Bottom heating plate: 338°F  $\pm 20^\circ$ F
- Time: 2 mn  $\pm 1$  mn
- Pressure: 29 psi  $\pm 7$  psi
- Additional material (powder or film): none

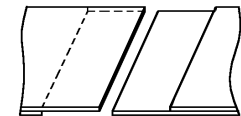
These recommendations may vary according to the equipment used and press heating system.

### Splicing methods to be used:

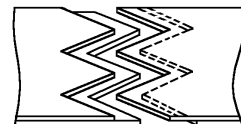
DS (finger joint)



PE step overlap



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.

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