# TECHNICAL DATA SHEET

Validation date: 13/07/2010

ISO 9001

## STANDARD RANGE 2PURB60/LCW

**CONVEYOR BELT TPU WHITE**

**Complies with FDA and EU regulations for conveying of foodstuff**

### CONSTRUCTION

| | |
|---|---|
| **2** | 2-ply polyester fabric |
| **PUR** | TPU polyurethan |
| **B** | Colour : white |
| **60** | Top cover thickness : 0,60 mm |
| **LC** | 115N/mm fabric, rigid in weft, antistatic |
| **W** | Impregnated backside |

### MAIN TECHNICAL DATA

**Top cover:** hardness: 85 Sh.A surface: glossy, smooth

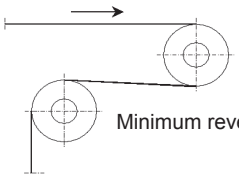
| | | |
|---|---|---|
| **Total thickness:** | 0,091" | *± 0,0039 " per ply* |
| **Weight per Sq Ft:** | 0,55 lbs | *± 10%* |
| **Friction Coefficient on steel slider bed:** | 0,20 | *± 20%* |
| **Manufacturing width:** | 78,74" | |
| **Temperatures:** | | |
| * Product temperature: | -40°F to +194°F | |
| * Ambient temperature: | -13°F to +140°F | |
| **Type of support:** | Slider bed | |

### MECHANICAL DATA

*Tolerances: +20% -10%*

| | | |
|---|---|---|
| **Breaking load:** | 1 028 | lbs/in. |
| **Load for 1% extension:** | 74 | lbs/in. |
| **Maximum working tension:** | 114 | lbs/in. |

**Pulley diameters:** *(recommended as a minimum with a 70°F ambient temperature)*



Minimum drive and tension: Ø 2,36"

Minimum reverse flexing: Ø 3,94"

*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: | 302°F | *± 20°F* |
| Bottom heating plate: | 302°F | *± 20°F* |
| Time: | 2 mn | *± 1 mn* |
| Pressure: | 29 psi | *± 7 psi* |
| Additional material (powder or film): | none | |

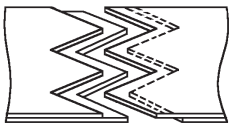
*These recommendations may vary according to the equipment used and press heating system.*

**Splicing methods to be used:**

DS (finger joint)

PE
step overlap

DS/DEC
(double finger joint)



**Fasteners:** SL01 - Sécura 01 - 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



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