

# TECHNICAL DATA SHEET



ISO 9001



Validation date: 21/09/2010

## STANDARD RANGE 2PURV30/LCW

## CONVEYOR BELT TPU GREEN BLUE

Complies with FDA and EU regulations for conveying of foodstuff

### CONSTRUCTION

|            |   |
|------------|---|
| <b>2</b>   | 2-ply polyester fabric                    |
| <b>PUR</b> | TPU polyurethan                           |
| <b>V</b>   | Colour : green blue RAL 5020              |
| <b>30</b>  | Top cover thickness : 0,30 mm             |
| <b>LC</b>  | 115N/mm fabric, rigid in weft, antistatic |
| <b>W</b>   | Impregnated backside                      |

### MAIN TECHNICAL DATA

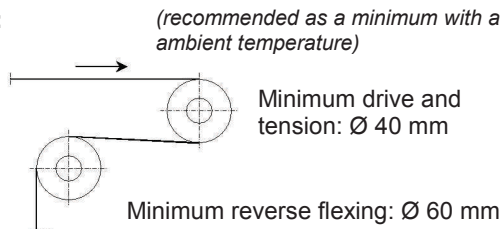
|  |                              |                      |
|--|------------------------------|----------------------|
| <b>Top cover:</b>                                | hardness: 92 Sh.A            | surface: Smooth, mat |
| <b>Total thickness:</b>                          | 1,80 mm $\pm$ 0,1 mm per ply |                      |
| <b>Weight per m<sup>2</sup>:</b>                 | 2 100 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>           | 170 N/mm |
| <b>Load for 1% extension:</b>   | 13 N/mm  |
| <b>Maximum working tension:</b> | 25 N/mm  |

### Pulley diameters:



These values are not linked to the requested  $\varnothing$  to pull the belt to rotation.

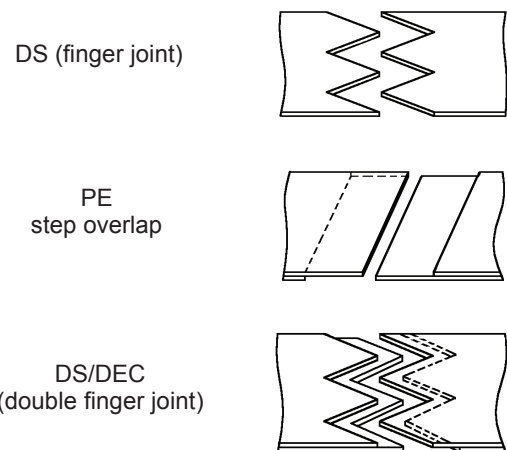
Ambient temperature: from 0°C to +8°C: add +50%  
from 0°C to -25°C: add +100%

### ENDLESS JOINTINGS

|                                       |                       |
|---------------------------------------|-----------------------|
| Top heating plate:                    | 170°C $\pm$ 10°C      |
| Bottom heating plate:                 | 130°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:



### Fasteners:

SL01 - Sécura 01 - Sécurinox 1 - SecuriG001

### 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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