

# TECHNICAL DATA SHEET



Validation date: 20/07/2011

ISO 9001



## STANDARD RANGE 1PURB55HR/EW

## CONVEYOR BELT TPU WHITE

Complies with FDA and EU regulations for conveying of foodstuff

### CONSTRUCTION

<b>1</b>	1-ply polyester fabric
<b>PUR</b>	TPU polyurethan
<b>B</b>	Colour : white
<b>55</b>	Top cover thickness : 0,55 mm
<b>HR</b>	"Rice grain" positive pattern, easy to clean
<b>E</b>	80 N/mm fabric, rigid in weft
<b>W</b>	Impregnated backside

### MAIN TECHNICAL DATA

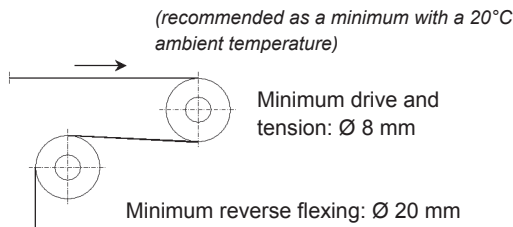
<b>Top cover:</b>	hardness: 85 Sh.A	surface: "Rice grain" pattern
<b>Total thickness:</b>	1,00 mm	$\pm 0,1$ mm per ply
<b>Weight per m<sup>2</sup>:</b>	900 g	$\pm 10\%$
<b>Friction Coefficient on steel slider bed:</b>	0,20	$\pm 20\%$
<b>Manufacturing width:</b>	2 000 mm	
<b>Temperatures:</b>		
* Product 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>	8 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:	150°C $\pm 10^\circ$ C
Bottom heating plate:	130°C $\pm 10^\circ$ C
Time:	1 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)



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.**

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