

# TECHNICAL DATA SHEET



Validation date: 02/12/2008

ISO 9001



## STANDARD RANGE 1TV50/ED

## CONVEYOR BELT PVC GREEN

### CONSTRUCTION

<b>1</b>	1-ply polyester fabric
<b>T</b>	PVC
<b>V</b>	Colour : green RAL 5020
<b>50</b>	Top cover thickness : 0,50 mm
<b>E</b>	80N/mm fabric, rigid in weft
<b>D</b>	Diamond pattern

### MAIN TECHNICAL DATA

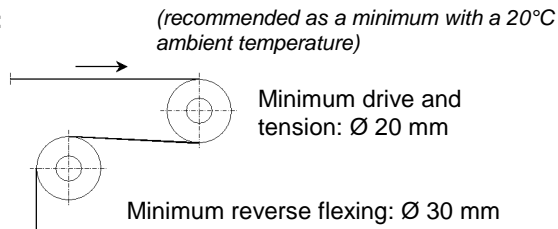
<b>Top cover:</b>	hardness: 78 Sh.A	surface: glossy, smooth
<b>Total thickness:</b>	1,90 mm $\pm$ 0,1 mm per ply	
<b>Weight per m<sup>2</sup>:</b>	2 000 g $\pm$ 10%	
<b>Friction Coefficient on steel slider bed:</b>	0,60 $\pm$ 20%	
<b>Manufacturing width:</b>	2 000 mm	
<b>Temperatures:</b>		
* Product temperature:	-5°C to +90°C	
* Ambient temperature:	0°C to +60°C	
<b>Type of support:</b>	Slider bed	

### MECHANICAL DATA

Tolerances: +20% -10%

<b>Breaking load:</b>	70 N/mm
<b>Load for 1% extension:</b>	4 N/mm
<b>Maximum working tension:</b>	7 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 -5°C: add +100%

### ENDLESS JOINTINGS

Top heating plate:	180°C $\pm$ 10°C
Bottom heating plate:	180°C $\pm$ 10°C
Time:	2 mn $\pm$ 1 mn
Pressure:	2,5 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:** SL01

**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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