

# TECHNICAL DATASHEET

## STANDARD RANGE 1TG50/ED

## Conveyor belt PVC WHITE

Complies with EU regulations for conveying foodstuff

### DESCRIPTION

<b>1</b>	1-ply polyester fabric
<b>T</b>	PVC
<b>G</b>	Fat resistant, Colour: white
<b>50</b>	Top cover thickness: 0,50 mm
<b>E</b>	80 N/mm fabric, rigid in weft
<b>D</b>	

### MAIN TECHNICAL DATA

**Top cover:** Hardness 73 ShA Smooth, glossy

**Total thickness:** 1,90 mm  $\pm 0,1$  mm per ply

**Weight per m<sup>2</sup>:** 2 000 g  $\pm 10\%$

**Manufacturing width:** 2 000 mm

**Temperature range:** -5°C à +80°C

**Type of support:** Slider bed -

**Coefficient of friction** (on steel slider bed): 0,60  $\pm 20\%$

### MECHANICAL STRENGTHS

Tolerances: -10% +20%

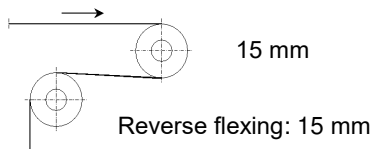
**Tensile strength:** 70 N/mm

**Tensile force for 1% elongation (k1%):** 4 N/mm

**Maximum working tension:** 7 N/mm

### MINIMUM PULLEY DIAMETERS

(at 20°C ambient temperature)

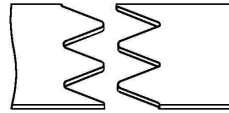


From -5°C to +8°C: add +50% on min. pulley diameter

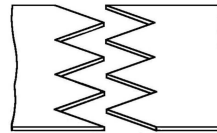
The minimum pulley diameter is not related to the diameter needed to achieve a friction drive.

### SPLICING OPTIONS

**DS**  
Round finger single  
splice, 50 x 20 mm



**DSP**  
Narrow single finger  
splice 70 x 10 mm



### PRESS SETTINGS

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

Top heating platen ( $\pm 10^\circ\text{C}$ ): 170°C

Bottom heating platen ( $\pm 10^\circ\text{C}$ ): 170°C

Welding time ( $\pm 1$  min) : 2 min

Pressure ( $\pm 0,5$  bar): 2,0 bar

Reveyron does not recommend using foil for splicing.

### FASTENERS / LACING

Securi-P2 (inox, flat wires) - SL00 -

### BELT FABRICATION

None

These data may change. The client remains liable for the proper choice of the belt material. Reveyron cannot be held responsible for any damage caused by improper use of the belt material.

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