

# TECHNICAL DATASHEET

## ON-DEMAND MANUFACTURING 2TG50MAT/CW

### Conveyor belt PVC WHITE

Complies with EU regulations for conveying foodstuff

### DESCRIPTION

<b>2</b>	2-ply polyester fabric
<b>T</b>	PVC
<b>G</b>	Fat resistant, Colour: white
<b>50</b>	Top cover thickness: 0,50 mm
<b>MAT</b>	Matte top cover
<b>C</b>	90 N/mm fabric, rigid in weft, antistatic
<b>W</b>	Impregnated bottomside

### MAIN TECHNICAL DATA

**Top cover:** Hardness 70 ShA Smooth, matte

**Total thickness:** 2,00 mm  $\pm 0,1$  mm per ply

**Weight per m<sup>2</sup>:** 2 250 g  $\pm 10\%$ 
**Manufacturing width:** 2 000 mm

**Temperature range:** -5°C à +90°C

**Type of support:** Slider bed -

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

### MECHANICAL STRENGTHS

Tolerances: -10% +20%

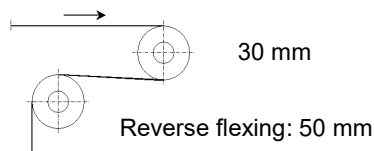
**Tensile strength:** 130 N/mm

**Tensile force for 1% elongation (k1%):** 7 N/mm

**Maximum working tension:** 10 N/mm

### MINIMUM PULLEY DIAMETERS

(at 20°C ambient temperature)



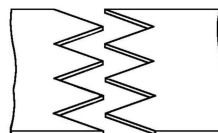
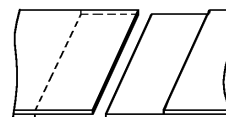
From -5°C to +8°C: add +50% on min. pulley diameter

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

**DS/DEC**  
Round finger overlapped  
splice

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

**SF/PE**  
Straight or Diagonal  
single overlap splice


### 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) : 3 min

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

Reveyron does not recommend using foil for splicing.

### FASTENERS / LACING

Minibelt-A (steel, rivet) - Minibelt-I (inox, rivet) - Securi-P2 (inox, flat wires) - SL01 (self-lock, inox) -

### BELT FABRICATION

This belt material can be fitted with: V-guides / profiles / cleats / corrugated sidewalls /

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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