

# TECHNICAL DATASHEET

## STANDARD RANGE 1TV50/ED

## Conveyor belt PVC BLUE-GREEN

Does not comply with EU regulations for conveying foodstuff

### DESCRIPTION

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

### MAIN TECHNICAL DATA

**Top cover:** Hardness 78 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%

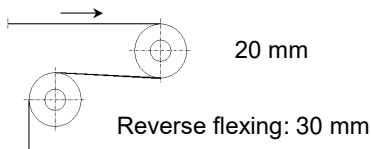
**Tensile strength:** 90 N/mm

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

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

### MINIMUM PULLEY DIAMETERS

(at 20°C ambient temperature)

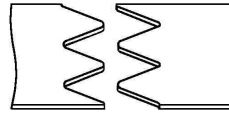


From -5°C to +8°C: add +50% on min. pulley diameter

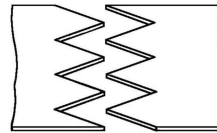
The minimum pulley diameter is not related to the diameter needed to achieve a friction drive.

### 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 ( $\pm 10^\circ\text{C}$ ): 180°C

Bottom heating platen ( $\pm 10^\circ\text{C}$ ): 180°C

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

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

Reveyron does not recommend using foil for splicing.

### FASTENERS / LACING

Securi-P2 (inox, flat wires) - SL01 (self-lock, inox) -

### 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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