

TECHNICAL DATASHEET

STANDARD RANGE 2PURV45/5C

Conveyor belt TPU Polyurethane BLUE GREEN
Complies with EU regulations for conveying foodstuff

DESCRIPTION

2	2-ply polyester fabric
PUR	TPU Polyurethane
V	Colour: blue green RAL 5020
45	Top cover thickness: 0,45 mm
5C	80 N/mm fabric, extra rigid in weft, antistatic

MAIN TECHNICAL DATA

Top cover: Hardness 93 ShA Matte

Total thickness: 2,15 mm $\pm 0,05$ mm per ply

Weight per m²: 2 500 g $\pm 10\%$

Manufacturing width: 2 000 mm

Product temperature: -40°C to +90°C

Ambient temperature: -25°C to +60°C

Type of support: Slider bed -

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

MECHANICAL STRENGTHS

Tolerances: -10% +20%

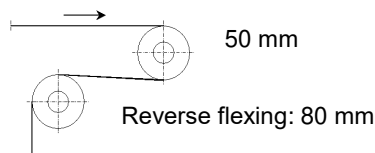
Tensile strength: 140 N/mm

Tensile force for 1% elongation (k1%): 8 N/mm

Maximum working tension: 15 N/mm

MINIMUM PULLEY DIAMETERS

(at 20°C ambient temperature)



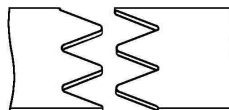
Working conditions:

- from 0°C to +8°C: add +50% on min. pulley diameter
- from -25°C to 0°C: add +100% 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 ($\pm 10^\circ\text{C}$): 145°C

Welding Time (± 1 min): 2 min

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

Reveyron does not recommend using foil for splicing.

FASTENERS / LACING

Agrafe-plast (plastic) - AZ5 (plastic zip) - Flexagraf (plastic) - Minibelt-A (steel, rivet) - Minibelt-I (inox, rivet) - Securi-P3 (inox, flat wires) - SL01 (inox, self-lock) - SL02 (inox, self-lock) -

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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