

TECHNICAL DATASHEET

STANDARD RANGE 3PURIR180I/LW

Conveyor belt TPU Polyurethane CLEAR RED
Does not comply with EU regulations for conveying foodstuff

DESCRIPTION

3	3-ply polyester fabric
PUR	TPU Polyurethane
IR	Colour: clear red
180	Top cover thickness: 1,80 mm
I	Clear inner ply
L	125 N/mm fabric, rigid in weft
W	Impregnated bottomside

MAIN TECHNICAL DATA

Top cover: Hardness 85 ShA Smooth, matte

Total thickness: 5,00 mm $\pm 0,1$ mm per ply

Weight per m²: 6 000 g $\pm 10\%$

Manufacturing width: 2 280 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%

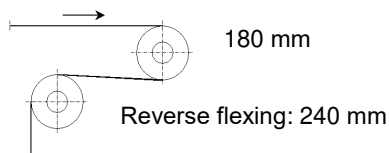
Tensile strength: 250 N/mm

Tensile force for 1% elongation (k1%): 18 N/mm

Maximum working tension: 36 N/mm

MINIMUM PULLEY DIAMETERS

(at 20°C ambient temperature)



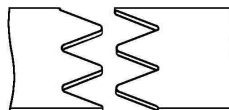
Working conditions:

- 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



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 ($\pm 10^\circ\text{C}$): 160°C

Bottom heating platen ($\pm 10^\circ\text{C}$): 155°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

Airport-A (steel, rivet) - Airport-I (inox, rivet) - Gemini-I (inox, rivet)
- Secura-R5 (inox, round wires) - Securi-P2 (inox, flat wires) -

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.

REVEYRON SAS 247 route du Mas Rillier - Les Echets - 01700 MIRIBEL - FRANCE
Light Conveyor Belts & Belt Bend Conveyors

Tel: +33 4 78 91 08 51 www.reveyron.com info@reveyron.com

VAT FR54 769 201 187 art 286 ter du CGI - Capital 1 000 000 € - Siret 769 201 187 00010 - NAF 1396Z