

TECHNICAL DATASHEET

End of life

ON-DEMAND MANUFACTURING 3TV105/LD

Conveyor belt PVC APPLE BLUE-GREEN

Does not comply with EU regulations for conveying foodstuff

DESCRIPTION

3	3-ply polyester fabric
T	PVC
V	Colour: apple green RAL 6002
105	Top cover thickness: 1,00 mm
L	125 N/mm fabric, rigid in weft
D	Diamond pattern

MAIN TECHNICAL DATA

Top cover: Hardness 78 ShA Smooth, glossy

Total thickness: 4,20 mm $\pm 0,1$ mm per ply

Weight per m²: 4 900 g $\pm 10\%$
Manufacturing width: 2 000 mm

Temperature range: -5°C à +80°C

Type of support: Slider bed - Rollers -

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

MECHANICAL STRENGTHS

Tolerances: -10% +20%

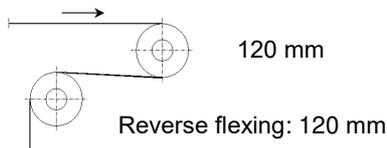
Tensile strength: 250 N/mm

Tensile force for 1% elongation (k1%): 11 N/mm

Maximum working tension: 30 N/mm

MINIMUM PULLEY DIAMETERS

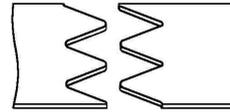
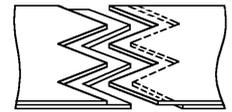
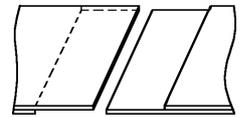
(at 20°C ambient temperature)



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

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 ($\pm 10^\circ\text{C}$): 175°C

 Bottom heating platen ($\pm 10^\circ\text{C}$): 175°C

 Welding time (± 1 min) : 8 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) - AZ9 (plastic zip) - Gemini-A (inox, rivet) - Gemini-I (inox, rivet) - Secura-R5 (inox, round wires) - Securi-P3 (inox, flat wires) - SL03 (self-lock, inox) -

BELT FABRICATION

This belt material can be fitted with: V-guides / 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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