

TECHNICAL DATASHEET

STANDARD RANGE 2SI30/CW

Conveyor belt SILICONE CLEAR

Complies with FDA regulations for conveying foodstuff

DESCRIPTION

2	2-ply polyester fabric
SI	Silicone / TPU
30	Top cover thickness : 0,25 mm
C	80 N/mm fabric, rigid in weft, antistatic
W	Impregnated bottomside

MAIN TECHNICAL DATA

Top cover: Hardness 40 ShA Smooth, glossy

Total thickness: 1,65 mm $\pm 0,1$ mm per ply

Weight per m²: 1 800 g $\pm 10\%$
Manufacturing width: 3 000 mm

Temperature range: -10°C à +80°C

Type of support: Slider bed -

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

MECHANICAL STRENGTHS

Tolerances: -10% +20%

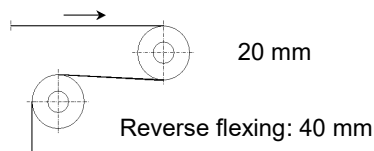
Tensile strength: 140 N/mm

Tensile force for 1% elongation (k1%): 9 N/mm

Maximum working tension: 12 N/mm

MINIMUM PULLEY DIAMETERS

(at 20°C ambient temperature)

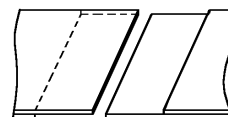


From -10°C to +8°C: add +50% on min. pulley diameter

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

SPLICING OPTIONS

DS/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 ($\pm 10^\circ\text{C}$): 165°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

AZ5 (plastic zip) - Securi-P2 (inox, flat wires) - SL00 -

BELT FABRICATION

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

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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