

TECHNICAL DATA SHEET



ISO 9001



Validation date: 06/06/2014

CUSTOMIZED MANUFACTURING 2PURX40/5C

CONVEYOR BELT TPU BLUE

Complies with FDA and EU regulations for conveying of foodstuff

CONSTRUCTION

2	2-ply polyester fabric
PUR	TPU polyurethan
X	Colour : blue RAL 5015
40	Top cover thickness : 0,40 mm
5C	80N/mm fabric, extra rigid in weft, antistatic

MAIN TECHNICAL DATA

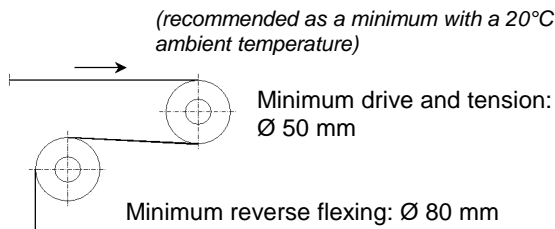
Top cover:	hardness: 92 Sh.A surface: Mat
Total thickness:	2,15 mm $\pm 0,1$ mm per ply
Weight per m²:	2 500 g $\pm 10\%$
Friction Coefficient on steel slider bed:	0,20 $\pm 20\%$
Manufacturing width:	2 000 mm
Temperatures:	
* Product temperature:	-40°C to +90°C
* Ambient temperature:	-25°C to +60°C
Type of support:	Slider bed

MECHANICAL DATA

Tolerances: +20% -10%

Breaking load:	140 N/mm
Load for 1% extension:	9 N/mm
Maximum working tension:	14 N/mm

Pulley diameters:



These values are not linked to the requested Ø to pull the belt to rotation.

Ambient temperature: from 0°C to +8°C: add +50%
from 0°C to -25°C: add +100%

ENDLESS JOINTINGS

Top heating plate:	160°C $\pm 10^\circ\text{C}$
Bottom heating plate:	155°C $\pm 10^\circ\text{C}$
Time:	2 mn ± 1 mn
Pressure:	2,0 bar $\pm 0,5$ bar
Additional material (powder or film):	none

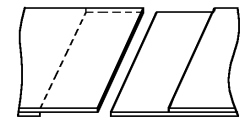
These recommendations may vary according to the equipment used and press heating system.

Splicing methods to be used:

DS (finger joint)



PE
(overlap joint)



DS/DEC
(double finger joint)



Fasteners:

SL01 - Sécura 01 - Sécurinox 1 -
Minibelt - Sécuri G2

Accessories that may be fitted on this belt:

Except for some cases, this belt can be fitted out with : thin guiding profiles and cleats

These data are subject to modification. Please make sure of their validity.
REVEYRON S.A. should not be held responsible when the data sheet used is not valid anymore.

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