

TECHNICAL DATA SHEET



ISO 9001



Validation date: 29/01/2013

CUSTOMIZED MANUFACTURING

CONVEYOR BELT TPU CLEAR

Complies with FDA and EU regulations for conveying of foodstuff

CONSTRUCTION

2	2-ply polyester fabric
PUR	TPU polyurethan
I	Colour : clear
60	Top cover thickness : 0,60 mm
HR	"Rice grain" positive pattern
L	140N/mm fabric, rigid in weft
W	Impregnated backside

MAIN TECHNICAL DATA

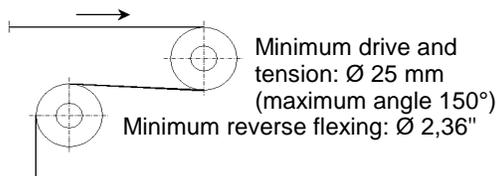
Top cover:	hardness: 92 Sh.A	surface: "rice grain" positive pat
Total thickness:	0,091"	$\pm 0,0039$ " per ply
Weight per Sq Ft:	0,51 lbs	$\pm 10\%$
Friction Coefficient on steel slider bed:	0,20	$\pm 20\%$
Manufacturing width:	78,74"	
Temperatures:		
* Product temperature:	-40°F to +194°F	
* Ambient temperature:	-13°F to +140°F	
Type of support:	Slider bed	

MECHANICAL DATA

Tolerances: +20% -10%

Breaking load:	1 028	lbs/in.
Load for 1% extension:	69	lbs/in.
Maximum working tension:	114	lbs/in.

Pulley diameters: (recommended as a minimum with a 70°F ambient temperature)



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

Ambient temperature: from 32°F to +46°F: add +50%
from 32°F to -13°F: add +100%

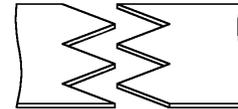
ENDLESS JOINTINGS

Top heating plate:	365°F $\pm 20^\circ$ F
Bottom heating plate:	356°F $\pm 20^\circ$ F
Time:	4 mn ± 1 mn
Pressure:	29 psi ± 7 psi
Additional material (powder or film):	none

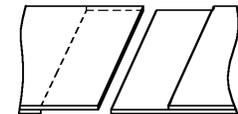
These recommendations may vary according to the equipment used and press heating system.

Splicing methods to be used:

DS (finger joint)



PE step overlap



DS/DEC (double finger joint)



Fasteners:

SL02 - Sécura 01 - Minibelt - Sécuri G2

Accessories that may be fitted on this belt:

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

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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