TECHNICAL DATA SHEET

Validation date: 17/11/2014

ISO 9001

STANDARD RANGE
2PURI75I/LCW-25

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
75	Top cover thickness : 0,75 mm
I	Clear inner ply
LC	115N/mm fabric, rigid in weft, antistatic
W	Impregnated backside

MAIN TECHNICAL DATA

Top cover: hardness: 92 Sh.A surface: mat, smooth

Total thickness:	0,093"	*± 0,0039 " per ply*
Weight per Sq Ft:	0,56 lbs	*± 10%*
Friction Coefficient on steel slider bed:	0,20	*± 20%*
Manufacturing width:	98,43"	

Temperatures:

* Product temperature:	-40°F to +194°F
* Ambient temperature:	-13°F to +140°F

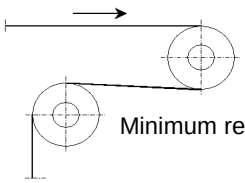
Type of support: Slider bed

MECHANICAL DATA

Tolerances: +20% -10%

Breaking load:	1 028	lbs/in.
Load for 1% extension:	63	lbs/in.
Maximum working tension:	131	lbs/in.

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



Minimum drive and tension: Ø 2,76"

Minimum reverse flexing: Ø 3,94"

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

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

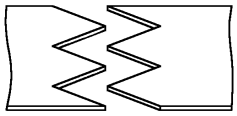
ENDLESS JOINTINGS

Top heating plate:	338°F	*± 20°F*
Bottom heating plate:	320°F	*± 20°F*
Time:	1 mn	*± 1 mn*
Pressure:	29 psi	*± 7 psi*
Additional material (powder or film):	none	

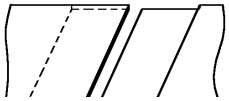
These recommendations may vary according to the equipment used and press heating system.

Splicing methods to be used:

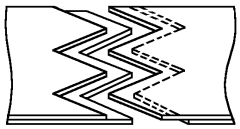
DS (finger joint)



PE
step overlap



DS/DEC
(double finger joint)



Fasteners: SL02 - Sécura 01 - 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

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