TECHNICAL DATA SHEET

Validation date: 20/12/2010

ISO 9001

STANDARD RANGE 2PURB35H/CW

CONVEYOR BELT TPU WHITE

Complies with FDA and EU regulations for conveying of foodstuff

CONSTRUCTION

2	2-ply polyester fabric
PUR	TPU polyurethan
B	Colour : white
35	Top cover thickness : 0,35 mm
H	Hard mat top cover
C	80N/mm fabric, rigid in weft, antistatic
W	Impregnated backside

MAIN TECHNICAL DATA

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

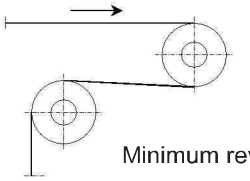
Total thickness:	1,60 mm	*± 0,1 mm per ply*
Weight per m²:	1 800 g	*± 10%*
Friction Coefficient on steel slider bed:	0,20	*± 20%*
Manufacturing width:	2 000 mm	
Temperatures:		
* Product temperature:	-40℃ to +90℃	
* Ambient temperature:	-25℃ to +60℃	
Type of support:	Slider bed	

MECHANICAL DATA

Tolerances: +20% -10%

Breaking load:	120 N/mm
Load for 1% extension:	10 N/mm
Maximum working tension:	15 N/mm

Pulley diameters: *(recommended as a minimum with a 20°C ambient temperature)*



Minimum drive and tension: Ø 25 mm

Minimum reverse flexing: Ø 50 mm

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

Ambient temperature: *from 0℃ to +8℃: add +50%*
from 0℃ to -25℃: add +100%

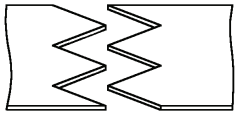
ENDLESS JOINTINGS

Top heating plate:	170℃	*± 10°C*
Bottom heating plate:	130℃	*± 10°C*
Time:	2 mn	*± 1 mn*
Pressure:	2,0 bar	*± 0,5 bar*
Additional material (powder or film):	none	

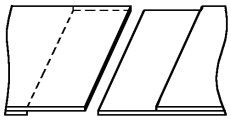
These recommendations may vary according to the equipment used and press heating system.

Splicing methods to be used:

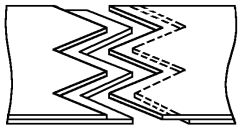
DS (finger joint)



PE
step overlap



DS/DEC
(double finger joint)



Fasteners: SL01 - SecuriG001

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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