TECHNICAL DATA SHEET

reveyron

ISO 9001

CUSTOMIZED MANUFACTURING   CONVEYOR BELT TPU BABY BLUE
3PURXB70I/LW

CONSTRUCTION

3	3-ply polyester fabric
PUR	TPU polyurethan
XB	Colour : baby blue (± RAL 5024)
70	Top cover thickness : 0,70 mm
I	Clear inner ply
L	125 N/mm fabric, rigid in weft
W	Impregnated backside

MAIN TECHNICAL DATA

Top cover: hardness: 85 Sh.A   surface: Mat, smooth

Total thickness:	3,50 mm	*± 0,1 mm per ply*
Weight per m²:	4 350 g	*± 10%*
Friction Coefficient on steel slider bed:	0,20	*± 20%*

Manufacturing width: 2 280 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:	250	N/mm
Load for 1% extension:	18	N/mm
Maximum working tension:	30	N/mm

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

Minimum drive and tension: Ø 130 mm

Minimum reverse flexing: Ø 180 mm
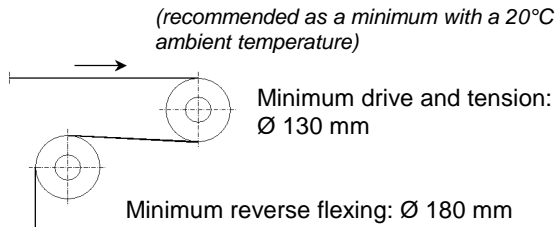
These values are not linked to the requested Ø to pull the belt to rotation.

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

ENDLESS JOINTINGS

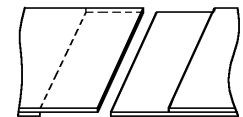|		
Top heating plate:	160°C	*± 10°C*
Bottom heating plate:	155°C	*± 10°C*
Time:	0 mn	*± 1 mn*
Pressure:	2,0 bar	*± 0,5 bar*
Additional material (powder or film):	none	

These recommendations may vary according to the equipment used and press heating system.
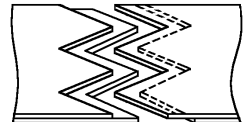
Splicing methods to be used:

DS (finger joint)

PE (overlap joint)

DS/DEC (double finger joint)

Fasteners: Airport - Gemini - Secura-R5 - Securi-

Accessories that may be fitted on this belt: Except for some cases, this belt can b fitted out with : guiding profiles, cleats sidewalls

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