

TECHNICAL DATA SHEET



ISO 9001



Validation date: 07/06/2017

CUSTOMIZED MANUFACTURING CONVEYOR BELT TPU Black 2PURN100/ILHR-225

CONSTRUCTION

2	2-ply polyester fabric
PUR	TPU polyurethan
N	Colour : black
100	Top cover thickness : 1,00 mm
I	Clear HR
L	115 N/mm fabric, rigid in weft
HR	"Rice grain" positive pattern, easy to clean

MAIN TECHNICAL DATA

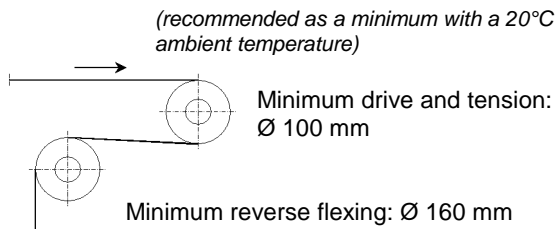
Top cover:	hardness: 93 Sh.A	surface: Mat, smooth
Total thickness:	3,40 mm	$\pm 0,1$ mm per ply
Weight per m²:	4 000 g	$\pm 10\%$
Friction Coefficient on steel slider bed:	0,50	$\pm 20\%$
Manufacturing width:	2 250 mm	
Temperatures:		
* Product temperature:	-40°C	to +90°C
* Ambient temperature:	-25°C	to +60°C
Type of support:	Slider bed, rollers, PEHD..	

MECHANICAL DATA

Tolerances: +20% -10%

Breaking load:	180 N/mm
Load for 1% extension:	13 N/mm
Maximum working tension:	20 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:	170°C ± 10 °C
Bottom heating plate:	160°C ± 10 °C
Time:	2 mn ± 1 mn
Pressure:	3,0 bar $\pm 0,5$ bar
Additional material (powder or film):	none

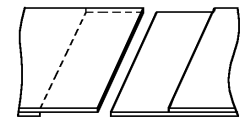
These recommendations may vary according to the equipment used and press heating system.

Splicing methods to be used:

DS (finger joint)



PE
(overlap joint)



DS/DEC
(double finger joint)



Fasteners:

Airport - Gemini - Minibelt - SL - Secura-R4

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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