TECHNICAL DATA SHEET

reveyron

ISO 9001

MOODY CERTIFICATION
ISO9001
FRANCE
N°2009122455

STANDARD RANGE	CONVEYOR BELT TPU BLUE
1PURXD30/EW	**Complies with FDA and EU regulations for conveying of foodstuff**

CONSTRUCTION

1	1 ply polyester fabric
PUR	TPU polyurethan
X	Colour : blue RAL 5015
D	Diamond pattern on running side
30	Top cover thickness : 0,30 mm
E	80N/mm fabric, rigid in weft
W	Impregnated backside

MAIN TECHNICAL DATA

Top cover: hardness: 85 Sh.A   surface: diamond profile

Total thickness:	1,00 mm	± *0,1 mm per ply*
Weight per m²:	820 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:	60	N/mm
Load for 1% extension:	5	N/mm
Maximum working tension:	8	N/mm

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

Minimum drive and tension: Ø 10 mm

Minimum reverse flexing: Ø 20 mm
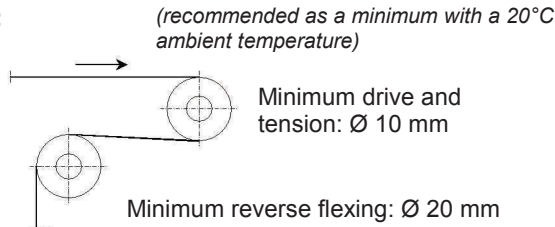
These values are not linked to the requested Ø to pull the belt to rotation.

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:	155℃	± *10°C*
Time:	1 mn	± *1 mn*
Pressure:	1,0 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)

Fasteners: None

Accessories that may be fitted on this belt: None

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.