

TECHNICAL DATA SHEET



ISO 9001



Validation date: 12/01/2017

CUSTOMIZED MANUFACTURING 1PURXK25MAT/EW

CONVEYOR BELT TPU BLUE

Complies with FDA and EU regulations for conveying of foodstuff

CONSTRUCTION

- 1** 1-ply polyester fabric
- PUR** TPU polyurethan
- XK** Colour : dark blue RAL 5010
- 25** Top cover thickness : 0,25 mm
- MAT** Mat finish
- E** 80N/mm fabric, rigid in weft
- W** Impregnated backside

MAIN TECHNICAL DATA

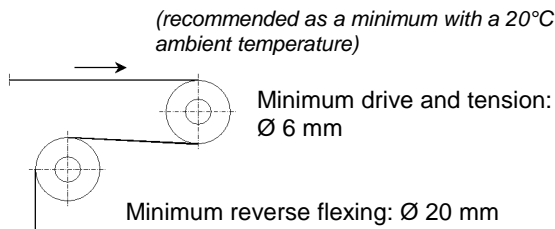
- Top cover:** hardness: 85 Sh.A surface: mat, smooth
- Total thickness:** 0,75 mm $\pm 0,1$ mm per ply
- Weight per m²:** 800 g $\pm 10\%$
- Friction Coefficient on steel slider bed:** 0,20 $\pm 20\%$
- Manufacturing width:** 2 000 mm
- Temperatures:**
 - * Product temperature: -40°C to +90°C
 - * Ambient temperature: -25°C to +60°C
- Type of support:** Slider bed

MECHANICAL DATA

Tolerances: +20% -10%

- Breaking load:** 60 N/mm
- Load for 1% extension:** 5 N/mm
- Maximum working tension:** 8 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: 155°C $\pm 10^\circ\text{C}$
- Bottom heating plate: 145°C $\pm 10^\circ\text{C}$
- Time: 1 mn ± 1 mn
- Pressure: 1,5 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)



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.*

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