TECHNICAL DATA SHEET

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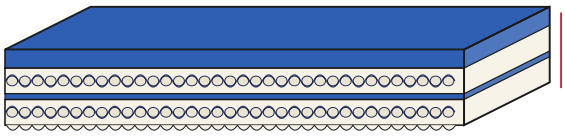
2-ply PU food-grade conveyor belt · Cobalt blue sawtooth profile structure · 2.2 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**TPU**
	Surface	**Sawtooth profile structure**
	Colour	**Cobalt blue**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**2**
BOTTOM	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**Cobalt blue**





CROSS-SECTION — NOT TO SCALE — TOTAL 2.2 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**2.2**	mm	*0.087*	*in.*
Weight			**2.1 kg/m²**	
Load at 1% elongation	**6.5**	N/mm	*37.1*	*lbs/in.*
Temperature — minimum (1)	**–30**	°C	*–22*	*°F*
Temperature — maximum (1)	**100**	°C	*212*	*°F*
Max. production width	**2000**	mm	*79*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**25**	mm	*0.98*	*in.*
■ Back-flex (counter-bending) pulley	**50**	mm	*1.97*	*in.*

04 PROPERTIES

Antistatic	YES
FDA compliant compound	YES
EU 10/2011	YES
Slider bed	YES
Roller bed	YES
Low noise	YES

05 APPLICATION

Features: Abrasion resistant, High grip surface, Hydrolysis resistant, Suitable for UV-C disinfection. Typical uses: Decline belt, Delivery belt, Food processing/conveying belt, Incline belt. Industries: Dairy (incl. cheese), Fish, Frozen food, Poultry, Red meat. Admissible tensile force 16 N/mm.

Oriontek service: supplied endless-joined, open-length or fabricated with profiles, sidewalls, cleats and V-guides. Onsite splicing available.

NOTES (1) Operating the belt at its limit values may reduce service life. (2) Minimum pulley diameters depend on belt tension and on the splice or fastener specified by Oriontek.

DISCLAIMER Values are nominal. They describe the product as tested and do not necessarily reflect conditions of industrial use, nor do they guarantee suitability for a specific application. The customer remains responsible for correct selection and use. Oriontek cannot be held liable for damages arising from use of this product. Specifications may be revised without prior notice.