TECHNICAL DATA SHEET

OKFO855671

Polyurethane food-grade flat belt / machine tape · Ultramarine blue (~RAL 5002) smooth · 1 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

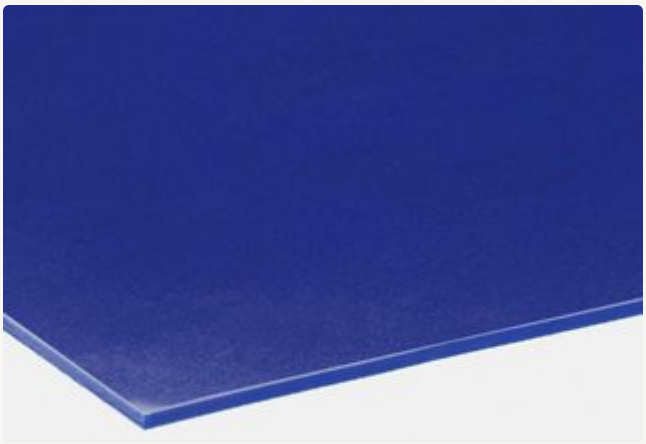
TOP COVER	Material	**Polyurethane**
	Surface	**Smooth**
	Colour	**Ultramarine blue (~RAL 5002)**
CARCASS	Fabric	**Polyurethane, elastic**
BOTTOM	Material	**Polyurethane**
	Surface	**Fine texture**
	Colour	**Ultramarine blue (~RAL 5002)**

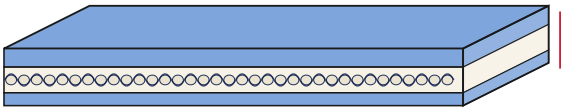
02 TECHNICAL SPECIFICATIONS

Total thickness	**1**	mm	*0.039*	*in.*
Weight			**0.236 lb/ft²**	
Load at 1% elongation	**0.11**	N/mm	*0.6*	*lbs/in.*
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**60**	°C	*140*	*°F*
Max. production width	**1000**	mm	*39*	*in.*
Coefficient of friction			**Top 1.2 / drive side 1.2**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**20**	mm	*0.79*	*in.*
■ Back-flex (counter-bending) pulley	**20**	mm	*0.79*	*in.*





PU COVER ultramarine blue (~ral 5002) · **1-PLY PU** polyurethane, elastic · **PU COVER** ultramarine blue (~ral 5002)

CROSS-SECTION — NOT TO SCALE — **TOTAL 1 MM / 0.039 IN.**

04 PROPERTIES

FDA compliant compound	**YES**
Troughed conveying	**YES**
Accumulation conveying	**NO**

05 APPLICATION

Beverage / Packaging (Checkweighers; Plastic film and shrink wrapping machines); Dairy (Cheese production); Meat / Poultry / Seafood (Buffer conveyors; Slicers)

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.