TECHNICAL DATA SHEET

OKCHN1810

PU homogeneous belt · Light blue glossy · 3.00 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

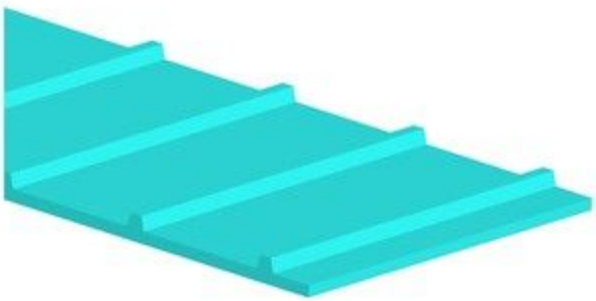
TOP COVER		
	Material	**Polyurethane (TPU)**
	Surface	**Glossy**
	Colour	**Light blue**

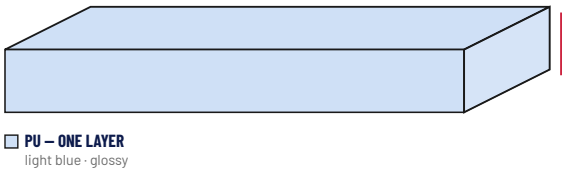
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.00**	mm	*0.118*	*in.*
Weight			**1.18 lb/ft²**	
Load at 1% elongation	**4**	N/mm	*22.8*	*lbs/in.*
Temperature – minimum (1)	**–5**	°C	*23*	*°F*
Temperature – maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**1200**	mm	*47*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**130**	mm	*5.12*	*in.*
■ Back-flex (counter-bending) pulley	**180**	mm	*7.09*	*in.*





PU – ONE LAYER
light blue · glossy

CROSS-SECTION – NOT TO SCALE

TOTAL 3.00 MM / IN.

04 PROPERTIES

Metal detectable	YES

05 APPLICATION

Monolithic belt with positive drive REACH EC 1907/2006 Regulation and Amendments. Typical uses: Food: seafood processing; Food: bakery; Food: sweet and salty snacks

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.