TECHNICAL DATA SHEET

OKBE2R371

PVC food-grade conveyor belt · Blue glossy · 3.1 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

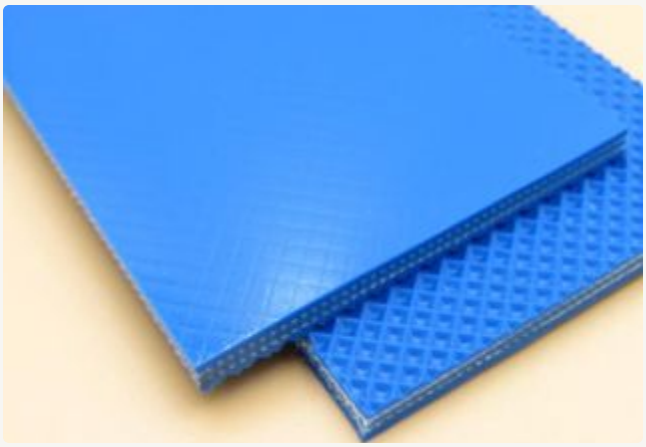
TOP COVER	Material	PVC 70 Shore A (0.70mm)
	Surface	Glossy
	Colour	Blue
CARCASS	Fabric	Polyester Fabric
	Number of plies	2ply
BOTTOM	Material	PVC 90 Shore A (0.55mm)
	Surface	Square pattern
	Colour	Blue

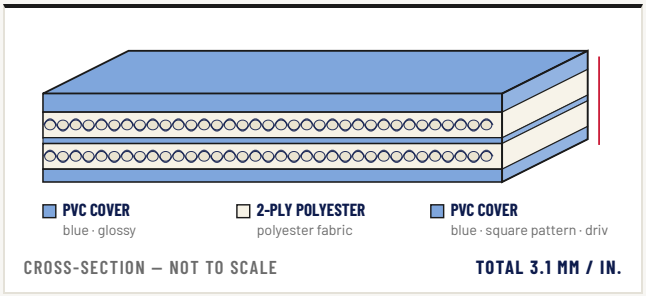
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.1**	mm	*0.122*	*in.*
Weight			**3.5 kg/m²**	
Load at 1% elongation	**10.0**	N/mm	*57.1*	*lbs/in.*
Elongation			**Standard 0.5%, max. 1.0%**	
Temperature – minimum (1)	**–10**	°C	*14*	*°F*
Temperature – maximum (1)	**90**	°C	*194*	*°F*
Max. production width	**3000**	mm	*118*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**50**	mm	*1.97*	*in.*
■ Back-flex (counter-bending) pulley	**75**	mm	*2.95*	*in.*





CROSS-SECTION – NOT TO SCALE — TOTAL 3.1 MM / IN.

04 PROPERTIES

FDA compliant compound	YES
EU 10/2011	YES

05 APPLICATION

Tensile strength 160 N/mm. Max. allowable tension 10.0 N/mm. Elongation at break 20 %. Max. length 100m. Splice: Finger. Features: Oil and Grease Resistant. Typical uses: Blue colour makes potential product contamination visible; Conveyor belt for the food industry; Conveying of meat, fish and poultry products; Conveyor belt in bakeries; Oil and grease resistant.

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.