TECHNICAL DATA SHEET

OKHBCNW-6EBC-A1

2-ply TPO food-grade conveyor belt · Cobalt blue waffle structure · 1.5 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	TPO
	Surface	Waffle structure
	Colour	Cobalt blue
CARCASS	Fabric	Polyester (PET)
	Number of plies	2
BOTTOM	Material	Polyester fabric
	Surface	Impregnated fabric
	Colour	White

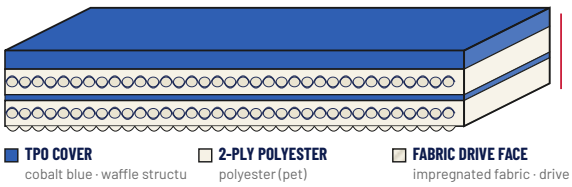
02 TECHNICAL SPECIFICATIONS

Total thickness	1.5	mm	0.059	in.
Weight			1.2 kg/m²	
Load at 1% elongation	2.8	N/mm	16.0	lbs/in.
Temperature – minimum (1)	−40	°C	−40	°F
Temperature – maximum (1)	80	°C	176	°F
Max. production width	2400	mm	94	in.
Coefficient of friction			Drive side on steel 0.10	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	25	mm	0.98	in.
■ Back-flex (counter-bending) pulley	40	mm	1.57	in.





CROSS-SECTION — NOT TO SCALE — TOTAL 1.5 MM / IN.

04 PROPERTIES

Antistatic	YES
FDA compliant compound	YES
EU 10/2011	YES
Halal	YES
Metal detector friendly	YES
Slider bed	YES
Roller bed	YES
Troughed	YES
Power turns	YES

05 APPLICATION

Features: Easy cleanability, Easy release, Frayless edges, Hydrolysis resistant, Wear resistant. Typical uses: Cooling (line) belt, Inspection/control belt, Metering/singulation belt, Packaging belt, Processing belt, Transfer belt. Industries: Baked snacks, Biscuit and Crackers, Bread, Chocolate, Convenience food, Pastry, Poultry, Ready meals, Red meat. Admissible tensile force 7 N/mm. Knife-edge radius 2 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.