TECHNICAL DATA SHEET

OKHBCNB-8E-A1

2-ply TPO food-grade conveyor belt · White matt · 2.0 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**TPO**
	Surface	**Matt**
	Colour	**White**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**2**
BOTTOM	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**White**

02 TECHNICAL SPECIFICATIONS

Total thickness	**2.0**	mm	*0.079*	*in.*
Weight			**1.8 kg/m²**	
Load at 1% elongation	**5.5**	N/mm	*31.4*	*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 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**50**	mm	*1.97*	*in.*
■ Back-flex (counter-bending) pulley	**70**	mm	*2.76*	*in.*





☐ **TPO COVER** white · matt
☐ **2-PLY POLYESTER** polyester (pet)
☐ **FABRIC DRIVE FACE** impregnated fabric · drive s

CROSS-SECTION – NOT TO SCALE — **TOTAL 2.0 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

05 APPLICATION

Features: Easy cleanability, Easy release, Frayless edges, Hydrolysis resistant, Wear resistant. Typical uses: Inspection/control belt, Metering/singulation belt, Packaging belt, Processing belt, Transfer belt, Weighing belt. Industries: Baked snacks, Biscuit and Crackers, Bread, Chocolate, Convenience food, Pastry, Poultry, Ready meals, Red meat. Admissible tensile force 15 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.