TECHNICAL DATA SHEET

OKHBCNB-5EQ

2-ply TPO food-grade conveyor belt · White smooth · 1.40 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

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

02 TECHNICAL SPECIFICATIONS

Total thickness	**1.40**	mm	*0.055*	*in.*
Weight			**1.3 kg/m²**	
Load at 1% elongation	**4.6**	N/mm	*26.3*	*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	**20**	mm	*0.79*	*in.*
■ Back-flex (counter-bending) pulley	**40**	mm	*1.57*	*in.*





TPO COVER — white · smooth
2-PLY POLYESTER — polyester (pet)
FABRIC DRIVE FACE — impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 1.40 MM / IN.

04 PROPERTIES

FDA compliant compound	YES
EU 10/2011	YES
Metal detector friendly	YES
Slider bed	YES
Roller bed	YES

05 APPLICATION

Features: Easy cleanability, Hydrolysis resistant. Typical uses: Cooling (line) belt, Inspection/control belt, Metering/singulation belt, Packaging belt, Processing belt, Transfer belt. Industries: Biscuit and Crackers, Bread, Chocolate, Fish, Poultry, Red meat, Vegetables. Admissible tensile force 11 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.

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