TECHNICAL DATA SHEET

OKHBTT12-U-EMB-FRAYLESS

2-ply PU food-grade conveyor belt · White square structure · 1.5 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	TPU
	Surface	Square structure
	Colour	White
CARCASS	Fabric	Polyester (PET)
	Number of plies	2
BOTTOM	Material	Polyester fabric
	Surface	Impregnated fabric
	Colour	White

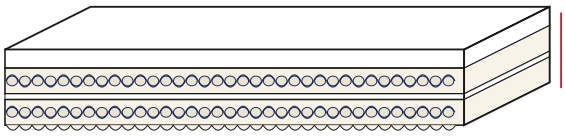
02 TECHNICAL SPECIFICATIONS

Total thickness	1.5	mm	*0.059*	*in.*
Weight			1.4 kg/m²	
Load at 1% elongation	5.0	N/mm	*28.6*	*lbs/in.*
Temperature — minimum (1)	−30	°C	*−22*	*°F*
Temperature — maximum (1)	80	°C	*176*	*°F*
Max. production width	2000	mm	*79*	*in.*
Coefficient of friction			Drive side on steel 0.10	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	15	mm	*0.59*	*in.*
■ Back-flex (counter-bending) pulley	25	mm	*0.98*	*in.*





CROSS-SECTION — NOT TO SCALE — TOTAL 1.5 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: Abrasion resistant, Frayless edges, Small pulley diameter suitable. Typical uses: Acceleration belt, Decline belt, Food processing/conveying belt, Incline belt. Industries: Baked snacks, Biscuit and Crackers, Bread, Chocolate, Convenience food, Frozen food, Pasta, Pastry, Pizza. Admissible tensile force 13 N/mm. Knife-edge radius 4 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.