TECHNICAL DATA SHEET

OKHBPNB-3EVWD

1-ply TPEE food-grade conveyor belt · Off-white matt · 1.30 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Copolyester thermoplastic (TPEE)**
	Surface	**Matt**
	Colour	**Off-white**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Copolyester thermoplastic (TPEE)**
	Surface	**Matt**
	Colour	**Off-white**

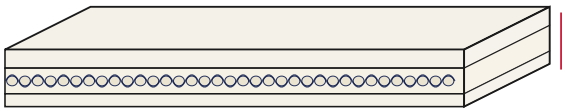
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.30**	mm	*0.051*	*in.*
Weight			**1.4 kg/m²**	
Load at 1% elongation	**3.0**	N/mm	*17.1*	*lbs/in.*
Temperature — minimum [1]	**–30**	°C	*–22*	*°F*
Temperature — maximum [1]	**100**	°C	*212*	*°F*
Max. production width	**3000**	mm	*118*	*in.*
Coefficient of friction			**Drive side on steel 0.30**	

03 MINIMUM PULLEY DIAMETER [2]

■ Minimum pulley / nose bar	**20**	mm	*0.79*	*in.*
■ Back-flex (counter-bending) pulley	**20**	mm	*0.79*	*in.*





☐ **TPEE COVER** off-white · matt
☐ **1-PLY POLYESTER** polyester (pet)
☐ **TPEE COVER** off-white · matt · drive sid

CROSS-SECTION — NOT TO SCALE

TOTAL 1.30 MM / IN.

04 PROPERTIES

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

05 APPLICATION

Features: Abrasion resistant, Antistatic, Chemical resistant, Dimensionally stable, Flexibility, Flexibility in all directions, Hydrolysis resistant. Typical uses: Decline belt, Incline belt, Side skirt. Industries: Tobacco green leaf processing, Tobacco primary processing. Admissible tensile force 7 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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