TECHNICAL DATA SHEET

OKHBHNB-5E-14

2-ply PU food-grade conveyor belt · Green (green) smooth · 1.30 mm
Antistatic · FDA compliant compound

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01 CONSTRUCTION

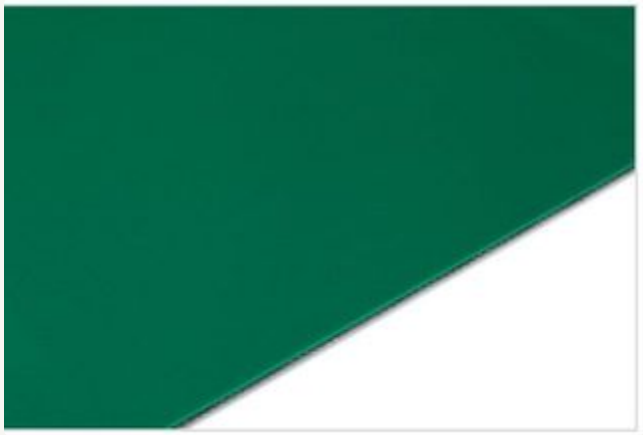
TOP COVER	Material	TPU
	Surface	Smooth
	Colour	Green (green)
CARCASS	Fabric	Polyester (PET)
	Number of plies	2
BOTTOM	Material	Polyester fabric
	Surface	Impregnated fabric
	Colour	Gray

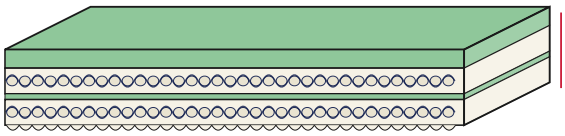
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.30**	mm	*0.051*	*in.*
Weight			**1.5 kg/m²**	
Load at 1% elongation	**4.8**	N/mm	*27.4*	*lbs/in.*
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**90**	°C	*194*	*°F*
Max. production width	**4000**	mm	*157*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**15**	mm	*0.59*	*in.*
■ Back-flex (counter-bending) pulley	**20**	mm	*0.79*	*in.*





CROSS-SECTION — NOT TO SCALE — TOTAL 1.30 MM / IN.

04 PROPERTIES

Antistatic	YES
FDA compliant compound	YES
EU 10/2011	YES
Slider bed	YES
Roller bed	YES

05 APPLICATION

Features: Abrasion resistant, Antistatic, Cut resistant, Dimensionally stable, Flat laying, Oil resistant, Small pulley diameter suitable. Typical uses: Miniconveyor belt, Packaging belt, Processing belt, Transfer belt, Weighing belt. Industries: Distribution centers, Electronics, Fiber Optics, Industrial automation. Admissible tensile force 11 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.