TECHNICAL DATA SHEET

OKHBE-5EE

2-ply cross-linked pu conveyor belt · Black smooth · 1.00 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Cross-linked PU**
	Surface	**Smooth**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**2**
BOTTOM	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**Gray**

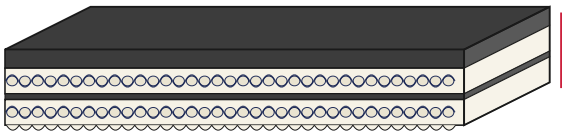
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.00**	mm	*0.039*	*in.*
Weight			**1.0 kg/m²**	
Load at 1% elongation	**4.0**	N/mm	*22.8*	*lbs/in.*
Temperature — minimum (1)	**–10**	°C	*14*	*°F*
Temperature — maximum (1)	**65**	°C	*149*	*°F*
Max. production width	**4000**	mm	*157*	*in.*
Coefficient of friction			**Drive side on steel 0.10**	

03 MINIMUM PULLEY DIAMETER (2)

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





CROSS-LINKED P COVER black · smooth
2-PLY POLYESTER polyester (pet)
FABRIC DRIVE FACE impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE — **TOTAL 1.00 MM / IN.**

04 PROPERTIES

Antistatic	**YES**
Slider bed	**YES**

05 APPLICATION

Features: Abrasion resistant, Longitudinal flexibility, Low belt weight, High lateral stability. Typical uses: Crosslapper belt. Industries: Non-wovens. Admissible tensile force 10 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.