TECHNICAL DATA SHEET

OKHBENB-15EHBT

2-ply PU conveyor belt · Black smooth · 4.1 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

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

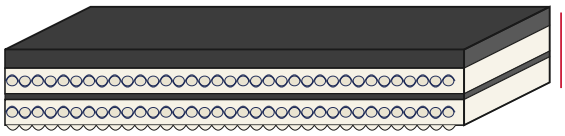
02 TECHNICAL SPECIFICATIONS

Total thickness	4.1	mm	*0.161*	*in.*
Weight			4.1 kg/m²	
Load at 1% elongation	12	N/mm	*68.5*	*lbs/in.*
Temperature — minimum (1)	–30	°C	*–22*	*°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	80	mm	*3.15*	*in.*
■ Back-flex (counter-bending) pulley	100	mm	*3.94*	*in.*





PU COVER
black · smooth

2-PLY POLYESTER
polyester (pet)

FABRIC DRIVE FACE
impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 4.1 MM / IN.

04 PROPERTIES

Antistatic	YES
Metal detector friendly	YES
Slider bed	YES
Roller bed	YES

05 APPLICATION

Features: Oil resistant, Robustness, Wear resistant. Typical uses: Material sorting machines, X-Ray scan. Industries: Mining, Recycling, Waste. Admissible tensile force 29 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.