TECHNICAL DATA SHEET

OKHBTM447-B

1-ply PVC conveyor belt · Black rough top · 6.5 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	PVC
	Surface	Rough top
	Colour	Black
CARCASS	Fabric	Polyester (PET)
	Number of plies	1
BOTTOM	Material	PVC
	Surface	Impregnated fleece
	Colour	Black

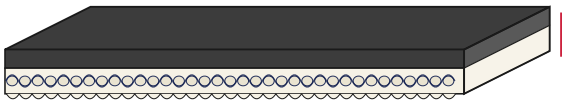
02 TECHNICAL SPECIFICATIONS

Total thickness	**6.5**	mm	*0.256*	*in.*
Weight			**5.6 kg/m²**	
Load at 1% elongation	**9.4**	N/mm	*53.7*	*lbs/in.*
Temperature – minimum (1)	**–23**	°C	*–9*	*°F*
Temperature – maximum (1)	**82**	°C	*180*	*°F*
Max. production width	**1829**	mm	*72*	*in.*
Coefficient of friction			**Drive side on steel 0.25**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**76**	mm	*2.99*	*in.*
■ Back-flex (counter-bending) pulley	**102**	mm	*4.02*	*in.*





■ **PVC COVER** black · rough top
□ **1-PLY POLYESTER** polyester (pet)
□ **FABRIC DRIVE FACE** impregnated fleece · drive s

CROSS-SECTION – NOT TO SCALE

TOTAL 6.5 MM / IN.

04 PROPERTIES

Flame retardant	YES
Metal detector friendly	YES
Slider bed	YES
Roller bed	YES
Low noise	YES

05 APPLICATION

Features: Constant coefficient of friction, Edges wear resistant, Excellent tracking, Good lace retention, High grip surface, Impact resistant, Non fraying. Typical uses: Acceleration belt, Decline belt, Incline belt, Induction belt. Industries: Distribution centers. Admissible tensile force 13 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.