TECHNICAL DATA SHEET

OKHBUM140HMBBS-B

1-ply polyester conveyor belt · Black buffed finish · 3.7 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyester felt**
	Surface	**Buffed finish**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET) scrim**
	Number of plies	**1**
BOTTOM	Material	**Polyester felt**
	Surface	**Buffed finish**
	Colour	**Black**





POLYESTER COVER — black · buffed finish
1-PLY POLYESTER — polyester (pet) scrim
POLYESTER COVER — black · buffed finish · driv

CROSS-SECTION — NOT TO SCALE

TOTAL 3.7 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**3.7**	mm	*0.146*	*in.*
Weight			**2.3 kg/m²**	
Load at 1% elongation	**6.6**	N/mm	*37.7*	*lbs/in.*
Temperature — minimum (1)	**–12**	°C	*10*	*°F*
Temperature — maximum (1)	**80**	°C	*176*	*°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	**51**	mm	*2.01*	*in.*
■ Back-flex (counter-bending) pulley	**64**	mm	*2.52*	*in.*

04 PROPERTIES

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

05 APPLICATION

Features: Abrasion resistant on both sides, Antistatic, Chemical resistant, Cut resistant, Dimensionally stable, Edges wear. Typical uses: Blanking belt, Live roller drive belt, Outfeed belt, Powerturn belt, Transfer belt, Loading/Unloading belt. Industries: Airport, Distribution centers, Metal sheets and components, Parcel distribution / Overnight carrier. Admissible tensile force 16 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.