TECHNICAL DATA SHEET

OKHBA90MAT-B

1-ply polyester conveyor belt · Black fabric · 1.8 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyester fabric (PET) impregnated with polyvinylchloride**
	Surface	**Fabric**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric (PET) impregnated with polyvinylchloride**
	Surface	**Fabric**
	Colour	**Black**

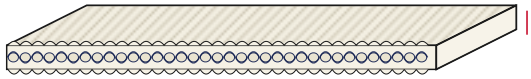
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.8**	mm	*0.071*	*in.*
Weight			**1.8 kg/m²**	
Load at 1% elongation	**5.0**	N/mm	*28.6*	*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	**51**	mm	*2.01*	*in.*
■ Back-flex (counter-bending) pulley	**64**	mm	*2.52*	*in.*





FABRIC TOP FACE
fabric · black

1-PLY POLYESTER
polyester (pet)

FABRIC DRIVE FACE
fabric · drive side

CROSS-SECTION – NOT TO SCALE

TOTAL 1.8 MM / IN.

04 PROPERTIES

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

05 APPLICATION

Features: Low friction conveying side, Temperature variation resistant. Typical uses: Support fabric. Admissible tensile force 5.4 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.

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