TECHNICAL DATA SHEET

OKHBTMIPH529FBS

1-ply polyester conveyor belt · Anthracite nonwoven (fleece) structure · 3.2 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyester fabric**
	Surface	**Nonwoven (fleece) structure**
	Colour	**Anthracite**
CARCASS	Fabric	**Polyester (PET) scrim**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric**
	Surface	**Nonwoven (fleece) structure**
	Colour	**Anthracite**

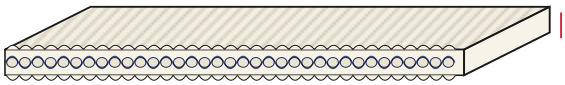
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.2**	mm	*0.126*	*in.*
Weight			**3.7 kg/m²**	
Load at 1% elongation	**9.7**	N/mm	*55.4*	*lbs/in.*
Temperature – minimum (1)	**–23**	°C	*–9*	*°F*
Temperature – maximum (1)	**110**	°C	*230*	*°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	**76**	mm	*2.99*	*in.*





FABRIC TOP FACE — nonwoven (fleece) structure
1-PLY POLYESTER — polyester (pet) scrim
FABRIC DRIVE FACE — nonwoven (fleece) structure

CROSS-SECTION – NOT TO SCALE — TOTAL 3.2 MM / IN.

04 PROPERTIES

Flame retardant	YES
Slider bed	YES
Roller bed	YES
Power turns	YES
Low noise	YES

05 APPLICATION

Features: Cut resistant, Powerturn suitable. Typical uses: Accumulation belt, Diverting belt, Infeed belt, Merge belt, Powerturn belt, Transfer belt. Industries: Airport, Distribution centers, Electronics, Marble and stone, Parcel distribution / Overnight carrier, Solid wood. Admissible tensile force 22 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.