TECHNICAL DATA SHEET

OKHBTMPH90LFOXB

1-ply thermoplastic alloy conveyor belt · Anthracite embossed cover · 3.6 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Thermoplastic alloy**
	Surface	**Embossed cover**
	Colour	**Anthracite**
CARCASS	Fabric	**Polyester (PET) scrim**
	Number of plies	**1**
BOTTOM	Material	**Thermoplastic alloy**
	Surface	**Impregnated fleece**
	Colour	**Black**

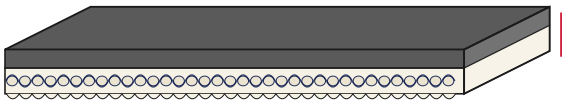
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.6**	mm	*0.142*	*in.*
Weight			**3.9 kg/m²**	
Load at 1% elongation	**10.0**	N/mm	*57.1*	*lbs/in.*
Temperature – minimum (1)	**–23**	°C	*–9*	*°F*
Temperature – maximum (1)	**107**	°C	*225*	*°F*
Max. production width	**1651**	mm	*65*	*in.*
Coefficient of friction			**Drive side on steel 0.10**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**75**	mm	*2.95*	*in.*
■ Back-flex (counter-bending) pulley	**75**	mm	*2.95*	*in.*





THERMOPLASTIC COVER — anthracite · embossed cover
1-PLY POLYESTER — polyester (pet) scrim
FABRIC DRIVE FACE — impregnated fleece · drive s

CROSS-SECTION – NOT TO SCALE

TOTAL 3.6 MM / IN.

04 PROPERTIES

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

05 APPLICATION

Features: Abrasion resistant, Excellent tracking, Flame retardant, Good lace retention, Impact resistant, Low friction. Typical uses: Accumulation belt, Loading/Unloading belt. Industries: Airport, Distribution centers, General conveying, Parcel distribution / Overnight carrier. Admissible tensile force 11 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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