TECHNICAL DATA SHEET

OKHBPMARKLNG-BE

1-ply thermoplastic alloy conveyor belt · Blue rough structure · 7 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Thermoplastic alloy**
	Surface	**Rough structure**
	Colour	**Blue**
CARCASS	Fabric	**Polyester (PET) scrim**
	Number of plies	**1**
BOTTOM	Material	**Nonwoven (fleece)**
	Surface	**Buffed finish**
	Colour	**Black**

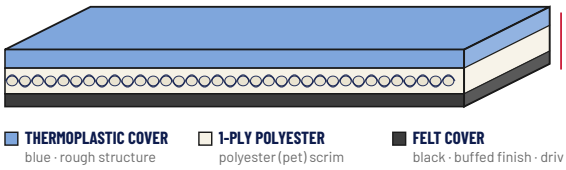
02 TECHNICAL SPECIFICATIONS

Total thickness	**7**	mm	*0.276*	*in.*
Weight			**6.8 kg/m²**	
Load at 1% elongation	**8.3**	N/mm	*47.4*	*lbs/in.*
Temperature – minimum (1)	**–12**	°C	*10*	*°F*
Temperature – maximum (1)	**100**	°C	*212*	*°F*
Max. production width	**1829**	mm	*72*	*in.*
Coefficient of friction			**Drive side on steel 0.20**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**51**	mm	*2.01*	*in.*
■ Back-flex (counter-bending) pulley	**79**	mm	*3.11*	*in.*





THERMOPLASTIC COVER — blue · rough structure
1-PLY POLYESTER — polyester (pet) scrim
FELT COVER — black · buffed finish · driv

CROSS-SECTION – NOT TO SCALE

TOTAL 7 MM / IN.

04 APPLICATION

Features: Abrasion resistant, Good lace retention, Low friction running side, No delamination, Oil resistant, Wear resistant. Typical uses: Decline belt, Incline belt, Sanding / grinding operations, Transfer belt. Industries: Cardboard converting, Cardboard manufacturing, Solid wood, Wood panel and boards. Admissible tensile force 14 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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