TECHNICAL DATA SHEET

OKHBTMIPH633EMB

1-ply PVC conveyor belt · Black grip structure · 3.8 mm

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01 CONSTRUCTION

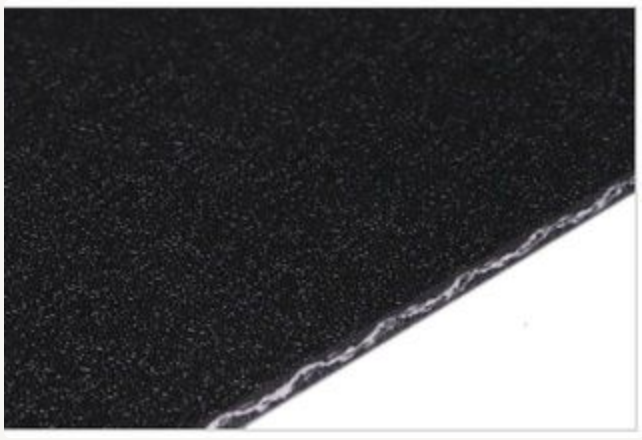
TOP COVER	Material	**PVC**
	Surface	**Grip structure**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET) scrim**
	Number of plies	**1**
BOTTOM	Material	**Polyester felt**
	Surface	**Fabric**
	Colour	**Black**

02 TECHNICAL SPECIFICATIONS

Total thickness	**3.8**	mm	*0.150*	*in.*
Weight			**4.7 kg/m²**	
Load at 1% elongation	**7**	N/mm	*40.0*	*lbs/in.*
Temperature – minimum (1)	**–23**	°C	*–9*	*°F*
Temperature – maximum (1)	**91**	°C	*196*	*°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	**71**	mm	*2.80*	*in.*





■ **PVC COVER** black · grip structure
□ **1-PLY POLYESTER** polyester (pet) scrim
■ **POLYESTER COVER** black · fabric · drive side

CROSS-SECTION – NOT TO SCALE — **TOTAL 3.8 MM / IN.**

04 PROPERTIES

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

05 APPLICATION

Features: Bi-directional suitable, Cut resistant, Edges wear resistant, Excellent tracking, Flame retardant, Flexibility in all. Typical uses: Powerturn belt. Industries: Distribution centers, Parcel distribution / Overnight carrier. Admissible tensile force 18 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.

SOLUTIONS@ORIONTEK.US · 786-440-6995 · ORIONTEK.US