TECHNICAL DATA SHEET

OKHBTMIPH533EMB

1-ply PVC conveyor belt · Black grip structure · 3.6 mm

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01 CONSTRUCTION

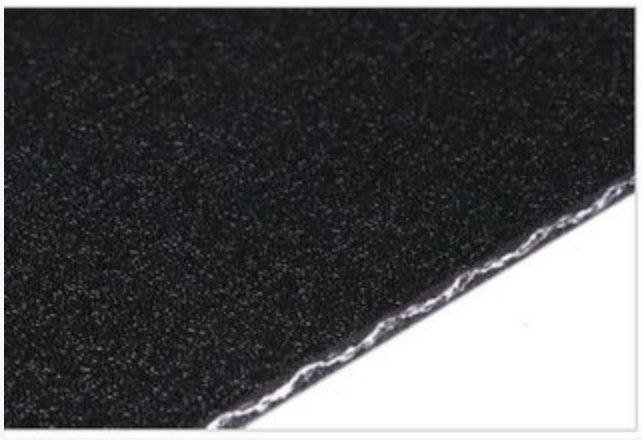
TOP COVER	Material	PVC
	Surface	Grip structure
	Colour	Black
CARCASS	Fabric	Polyester (PET) scrim
	Number of plies	1
BOTTOM	Material	Polyester felt
	Surface	Fabric
	Colour	Black

02 TECHNICAL SPECIFICATIONS

Total thickness	**3.6**	mm	*0.142*	*in.*
Weight			**4.7 kg/m²**	
Load at 1% elongation	**9.4**	N/mm	*53.7*	*lbs/in.*
Temperature – minimum (1)	**–23**	°C	*–9*	*°F*
Temperature – maximum (1)	**80**	°C	*176*	*°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	**51**	mm	*2.01*	*in.*





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

CROSS-SECTION – NOT TO SCALE — TOTAL 3.6 MM / IN.

04 PROPERTIES

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

05 APPLICATION

Features: Excellent tracking, Low noise applications suitable, No delamination, Non fraying, Powerturn suitable. Typical uses: Acceleration belt, Check-in belt, Induction belt, Metering/singulation belt. Industries: Airport, Distribution centers, Parcel distribution / Overnight carrier. 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.

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