TECHNICAL DATA SHEET

OKHBAPH12ORT

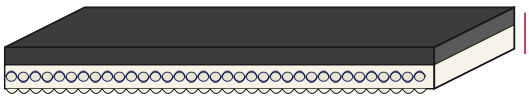
1-ply PVC conveyor belt · Black rough top · 5.8 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	PVC
	Surface	Rough top
	Colour	Black
CARCASS	Fabric	Polyester (PET)
	Number of plies	1
BOTTOM	Material	Polyester fabric (PET) impregnated with polyvinylchloride
	Surface	Buffed finish
	Colour	Black





PVC COVER — black · rough top
1-PLY POLYESTER — polyester (pet)
FABRIC DRIVE FACE — buffed finish · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 5.8 MM / IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**5.8**	mm	*0.228*	*in.*
Weight			**4.4 kg/m²**	
Load at 1% elongation	**6.5**	N/mm	*37.1*	*lbs/in.*
Temperature — minimum (1)	**–18**	°C	*0*	*°F*
Temperature — maximum (1)	**82**	°C	*180*	*°F*
Max. production width	**1829**	mm	*72*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**76**	mm	*2.99*	*in.*
■ Back-flex (counter-bending) pulley	**89**	mm	*3.50*	*in.*

04 PROPERTIES

Flame retardant	YES
Slider bed	YES
Roller bed	YES

05 APPLICATION

Features: Flame retardant, High coefficient of friction surface, High strength, Low friction running side, Temperature variation resistant. Typical uses: Acceleration belt, Decline belt, Incline belt, Induction belt, Metering/singulation belt. Industries: Airport, Distribution centers, Parcel distribution / Overnight carrier. Admissible tensile force 21 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.