TECHNICAL DATA SHEET

OKHBSWP-5PU-B

1-ply PTFE conveyor belt · Black rough structure · 5.6 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyurethane/PTFE**
	Surface	**Rough structure**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric**
	Surface	**Fabric**
	Colour	**White**

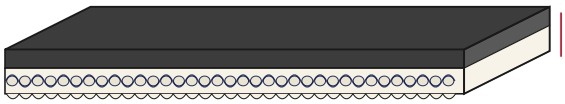
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.6**	mm	*0.220*	*in.*
Weight			**4.3 kg/m²**	
Temperature — minimum (1)	**−34**	°C	*−29*	*°F*
Temperature — maximum (1)	**135**	°C	*275*	*°F*
Max. production width	**1524**	mm	*60*	*in.*
Coefficient of friction			**Drive side on steel 0.20**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**102**	mm	*4.02*	*in.*
■ Back-flex (counter-bending) pulley	**89**	mm	*3.50*	*in.*





■ **PU COVER** black · rough structure
□ **1-PLY POLYESTER** polyester (pet)
□ **FABRIC DRIVE FACE** fabric · drive side

CROSS-SECTION — NOT TO SCALE — **TOTAL 5.6 MM / IN.**

04 PROPERTIES

Metal detector friendly	**YES**
Slider bed	**YES**
Roller bed	**YES**
Troughed	**YES**

05 APPLICATION

Features: Cut resistant, High abrasion resistance, Low friction running side. Typical uses: Processing belt. Industries: Tire. Admissible tensile force 35 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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