TECHNICAL DATA SHEET

OKHBSAW-5ELB

2-ply PVC conveyor belt · Black inverted pyramid structure · 1.8 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	PVC
	Surface	Inverted pyramid structure
	Colour	Black
CARCASS	Fabric	Polyester (PET)
	Number of plies	2
BOTTOM	Material	Polyester fabric
	Surface	Impregnated fabric
	Colour	Gray

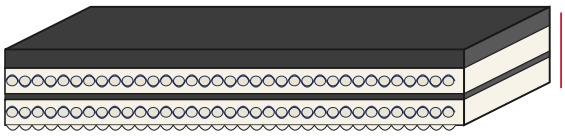
02 TECHNICAL SPECIFICATIONS

Total thickness	1.8	mm	0.071	in.
Weight			1.8 kg/m²	
Load at 1% elongation	4.0	N/mm	22.8	lbs/in.
Temperature – minimum (1)	–5	°C	23	°F
Temperature – maximum (1)	70	°C	158	°F
Max. production width	3100	mm	122	in.
Coefficient of friction			Drive side on steel 0.15	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	20	mm	0.79	in.
■ Back-flex (counter-bending) pulley	25	mm	0.98	in.





PVC COVER
black · inverted pyramid str

2-PLY POLYESTER
polyester (pet)

FABRIC DRIVE FACE
impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 1.8 MM / IN.

04 PROPERTIES

Antistatic	YES
Slider bed	YES
Roller bed	YES
Low noise	YES

05 APPLICATION

Features: High grip surface. Typical uses: Induction belt, Sorting belt, Transfer belt. Industries: Distribution centers, Letter sorting. Admissible tensile force 9.5 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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