TECHNICAL DATA SHEET

OKHBNAW-8ESBV

2-ply PVC conveyor belt · Black inverted pyramid structure · 2.3 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	**Fabric**
	Colour	**Off-white**

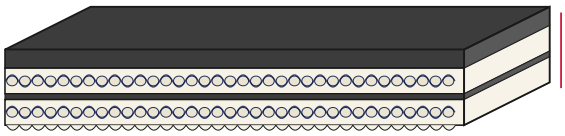
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.3**	mm	*0.091*	*in.*
Weight			**2.5 kg/m²**	
Load at 1% elongation	**5.5**	N/mm	*31.4*	*lbs/in.*
Temperature — minimum (1)	**–15**	°C	*5*	*°F*
Temperature — maximum (1)	**70**	°C	*158*	*°F*
Max. production width	**3000**	mm	*118*	*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	**40**	mm	*1.57*	*in.*





CROSS-SECTION — NOT TO SCALE

TOTAL 2.3 MM / IN.

04 PROPERTIES

Antistatic	**YES**
Metal detector friendly	**YES**
Slider bed	**YES**
Roller bed	**YES**
Troughed	**YES**
Power turns	**YES**
Low noise	**YES**

05 APPLICATION

Features: Constant coefficient of friction, Flame retardant, Flexibility, High precision, Powerturn suitable. Typical uses: Powerturn belt, Sorting belt. Industries: Airport, Distribution centers. Admissible tensile force 6.5 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.