TECHNICAL DATA SHEET

OKHBNSL-11ESBV-E3

2-ply PVC conveyor belt · Black longitudinal groove structure · 3.0 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**PVC**
	Surface	**Longitudinal groove structure**
	Colour	**Black**
CARCASS	Fabric	**Polyester (PET)**
	Number of plies	**2**
BOTTOM	Material	**Polyester fabric**
	Surface	**Impregnated fabric**
	Colour	**Light green**

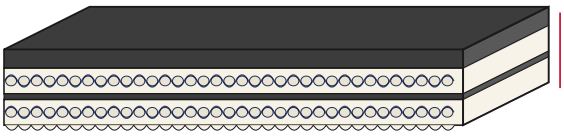
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.0**	mm	*0.118*	*in.*
Weight			**3.5 kg/m²**	
Load at 1% elongation	**7**	N/mm	*40.0*	*lbs/in.*
Temperature – minimum (1)	**–30**	°C	*–22*	*°F*
Temperature – maximum (1)	**70**	°C	*158*	*°F*
Max. production width	**3000**	mm	*118*	*in.*
Coefficient of friction			**Drive side on steel 0.10**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**40**	mm	*1.57*	*in.*
■ Back-flex (counter-bending) pulley	**40**	mm	*1.57*	*in.*





PVC COVER black · longitudinal groove
2-PLY POLYESTER polyester (pet)
FABRIC DRIVE FACE impregnated fabric · drive s

CROSS-SECTION – NOT TO SCALE

TOTAL 3.0 MM / IN.

04 PROPERTIES

Antistatic	**YES**
Slider bed	**YES**
Roller bed	**YES**
Low noise	**YES**

05 APPLICATION

Features: Antistatic, Energy saving, Flame retardant, Low noise applications suitable. Typical uses: Acceleration belt, Decline belt, Feeder belt, Heavy-load conveyor belts, Incline belt, Induction belt, Infeed belt. Industries: Airport, Distribution centers. Admissible tensile force 14 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.