TECHNICAL DATA SHEET

OKBE2LRAF909RB

PVC conveyor belt · Black longitudinal rib · 2.9 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

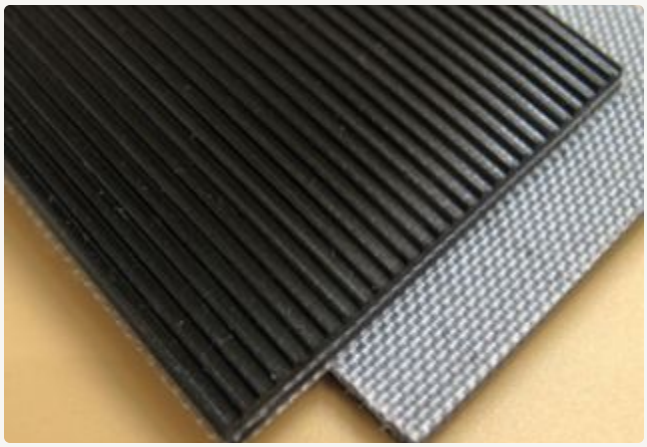
TOP COVER	Material	**PVC 35 Shore A (0.90mm)**
	Surface	**Longitudinal rib**
	Colour	**Black**
CARCASS	Fabric	**Polyester Fabric**
	Number of plies	**2ply**
BOTTOM	Material	**Polyester**
	Surface	**Rigid, Antistatic fabric**

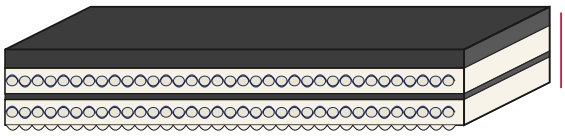
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.9**	mm	*0.114*	*in.*
Weight			**3.0 kg/m²**	
Load at 1% elongation	**8.0**	N/mm	*45.7*	*lbs/in.*
Elongation			**Standard 0.5%, max. 1.0%**	
Temperature — minimum (1)	**–10**	°C	*14*	*°F*
Temperature — maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**2000**	mm	*79*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**40**	mm	*1.57*	*in.*
■ Back-flex (counter-bending) pulley	**80**	mm	*3.15*	*in.*





CROSS-SECTION — NOT TO SCALE — **TOTAL 2.9 MM / IN.**

04 PROPERTIES

Antistatic	**YES**

05 APPLICATION

Tensile strength 120 N/mm. Max. allowable tension 8.0 N/mm. Elongation at break 20 %. Max. length 100m. Splice: Finger.

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.