TECHNICAL DATA SHEET

OKBE2LRAFPIM090

Polyester food-grade conveyor belt · Transparent rigid, impregnated fabric · 0.9 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyester**
	Surface	**Rigid, Impregnated fabric**
	Colour	**Transparent**
CARCASS	Fabric	**Polyester Fabric**
	Number of plies	**2ply**
BOTTOM	Material	**Polyester**
	Surface	**Rigid, Antistatic fabric**

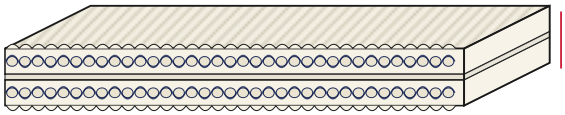
02 TECHNICAL SPECIFICATIONS

Total thickness	**0.9**	mm	*0.035*	*in.*
Weight			**1.0 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	**3000**	mm	*118*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**10**	mm	*0.39*	*in.*
■ Back-flex (counter-bending) pulley	**10**	mm	*0.39*	*in.*





FABRIC TOP FACE — rigid, impregnated fabric ·
2-PLY POLYESTER — polyester fabric
FABRIC DRIVE FACE — rigid, antistatic fabric · d

CROSS-SECTION — NOT TO SCALE

TOTAL 0.9 MM / IN.

04 PROPERTIES

Antistatic	YES
FDA compliant compound	YES
EU 10/2011	YES

05 APPLICATION

Tensile strength 140 N/mm. Max. allowable tension 8.0 N/mm. Elongation at break 15 %. Max. length 100m. Splice: Finger. Features: Oil and grease resistant. Typical uses: Dough handling in bakeries; Proofer cabinets; Retractory conveyors; Oil and grease resistant.

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.