TECHNICAL DATA SHEET

OKHBE-FB16-IB-LG-AR-G

PU food-grade conveyor belt · Black longitudinal groove structure · 1.6 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Thermoplastic polyurethane (HG ether TPU)**
	Surface	**Longitudinal groove structure**
	Colour	**Black**
BOTTOM	Surface	**Coarse textile structure**

02 TECHNICAL SPECIFICATIONS

Total thickness	**1.6**	mm	*0.063*	*in.*
Weight			**1.4 kg/m²**	
Load at 1% elongation	**0.10**	N/mm	*0.6*	*lbs/in.*
Temperature – minimum (1)	**–30**	°C	*–22*	*°F*
Temperature – maximum (1)	**60**	°C	*140*	*°F*
Max. production width	**1350**	mm	*53*	*in.*
Coefficient of friction			**Drive side on steel 0.70**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**15**	mm	*0.59*	*in.*
■ Back-flex (counter-bending) pulley	**15**	mm	*0.59*	*in.*





PU – ONE LAYER
black · longitudinal groove

CROSS-SECTION – NOT TO SCALE

TOTAL 1.6 MM / IN.

04 PROPERTIES

FDA compliant compound	**YES**
EU 10/2011	**YES**
Slider bed	**YES**
Roller bed	**YES**
Troughed	**YES**

05 APPLICATION

Features: Abrasion resistant, Edges wear resistant, Elastic, Flexibility in all directions, Monolithic Belt, Non fraying, Oil and fat resistant, Small pulley diameter suitable. Typical uses: Decline belt, Diverting belt, Incline belt, Packaging belt, Sorting belt, Weighing belt. Industries: Baked snacks, Biscuit and Crackers, Distribution centers, Food processing and packaging.

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.