TECHNICAL DATA SHEET

OKBECC-16DK

Polyester food-grade conveyor belt · rigid · 1.8 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyester**
	Surface	**Rigid**
CARCASS	Fabric	**Polyester Fabric**
	Number of plies	**2ply**
BOTTOM	Material	**Polyester**
	Surface	**Rigid**

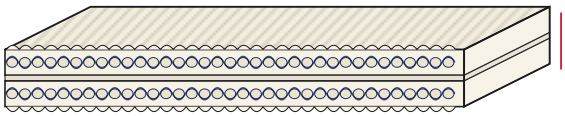
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.8**	mm	*0.071*	*in.*
Weight			**1.9 kg/m²**	
Load at 1% elongation	**10.0**	N/mm	*57.1*	*lbs/in.*
Elongation			**Standard 0.5%, max. 1.0%**	
Temperature — minimum (1)	**–10**	°C	*14*	*°F*
Temperature — maximum (1)	**90**	°C	*194*	*°F*
Max. production width	**3000**	mm	*118*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**20**	mm	*0.79*	*in.*
■ Back-flex (counter-bending) pulley	**20**	mm	*0.79*	*in.*





CROSS-SECTION — NOT TO SCALE — **TOTAL 1.8 MM / IN.**

04 PROPERTIES

FDA compliant compound	**YES**
EU 10/2011	**YES**

05 APPLICATION

Tensile strength 160 N/mm. Max. allowable tension 10.0 N/mm. Elongation at break 20 %. Max. length 100m. Splice: Finger. Typical uses: In the wood and board industry; Bobbin transport in the textile industry; In the paper and cardboard industry; Dough handling in bakeries; Accumulation belt.

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.