TECHNICAL DATA SHEET

OKBEBLC-18DKF2

Polyester conveyor belt · Black rigid, impregnated fabric · 2.85 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

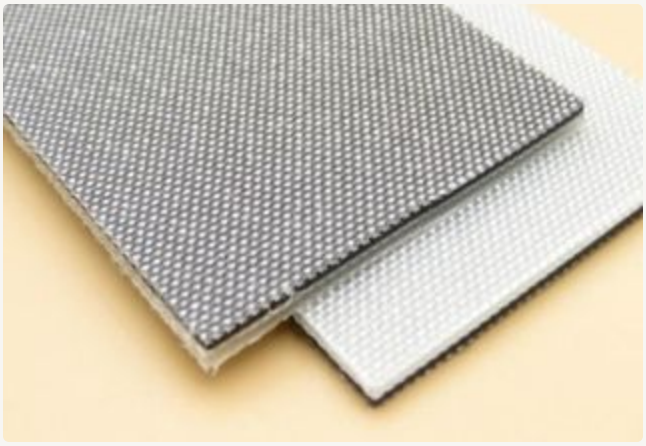
TOP COVER	Material	**Polyester**
	Surface	**Rigid, Impregnated fabric**
	Colour	**Black**
CARCASS	Fabric	**Polyester Fabric**
	Number of plies	**3ply**
BOTTOM	Material	**Polyester**
	Surface	**Rigid**

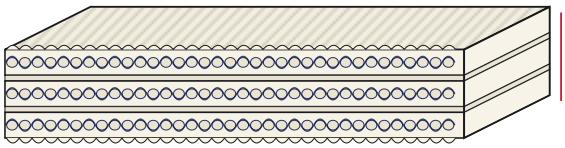
02 TECHNICAL SPECIFICATIONS

Total thickness	**2.85**	mm	*0.112*	*in.*
Weight			**3.1 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)	**80**	°C	*176*	*°F*
Max. production width	**3000**	mm	*118*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**100**	mm	*3.94*	*in.*
■ Back-flex (counter-bending) pulley	**100**	mm	*3.94*	*in.*





FABRIC TOP FACE — rigid, impregnated fabric · 3-PLY POLYESTER — polyester fabric · FABRIC DRIVE FACE — rigid · drive side

CROSS-SECTION – NOT TO SCALE — **TOTAL 2.85 MM / IN.**

04 PROPERTIES

Flame retardant	**YES**

05 APPLICATION

Tensile strength 180 N/mm. Max. allowable tension 10.0 N/mm. Elongation at break 20 %. Max. length 100m. Splice: Finger. Typical uses: Accumulation belt; Internal transport, post offices and distribution centers; Heavy duty applications; For bowling lanes - Pin setters.

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.