TECHNICAL DATA SHEET

OKBELGFE-12DK

Polyester conveyor belt · Green nonwoven fabric · 5.5 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

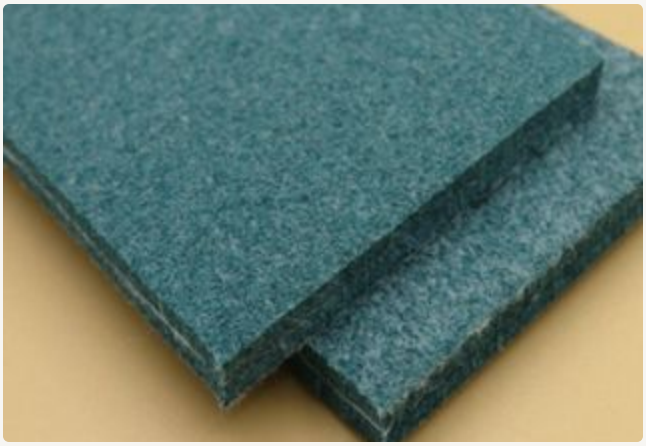
TOP COVER	Material	**Polyester**
	Surface	**Nonwoven Fabric**
	Colour	**Green**
CARCASS	Fabric	**Polyester Fabric**
	Number of plies	**1ply**
BOTTOM	Material	**Polyester**
	Surface	**Nonwoven Fabric**
	Colour	**Green**

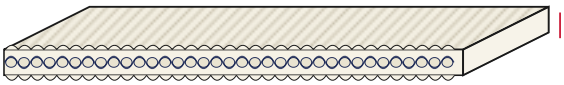
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.5**	mm	*0.217*	*in.*
Weight			**3.4 kg/m²**	
Load at 1% elongation	**20**	N/mm	*114.2*	*lbs/in.*
Elongation			**Standard 0.3%, max. 1.0%**	
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**2000**	mm	*79*	*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 — nonwoven fabric · green
1-PLY POLYESTER — polyester fabric
FABRIC DRIVE FACE — nonwoven fabric · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 5.5 MM / IN.

04 APPLICATION

Tensile strength 120 N/mm. Max. allowable tension 20 N/mm. Elongation at break 15 %. Max. length 100m. Splice: Skiver. Features: Will not damage conveyed goods, Cushioning property, Whisper, Accumulation. Typical uses: General purpose conveying.

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.

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