TECHNICAL DATA SHEET

OKBESG-500

Polyamide power transmission belt · Green nbr-impreg. fabric · 1.1 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

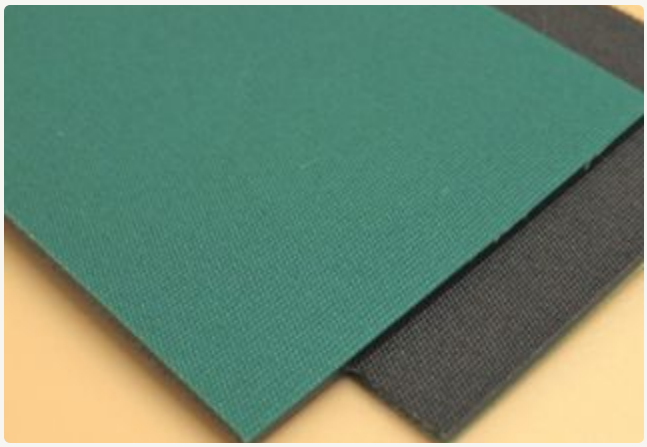
TOP COVER	Material	**Polyamide**
	Surface	**NBR-impreg. fabric**
	Colour	**Green**
CARCASS	Fabric	**Polyamide Film 0.5mm**
BOTTOM	Material	**Polyamide**
	Surface	**NBR-impreg. fabric**
	Colour	**Black**

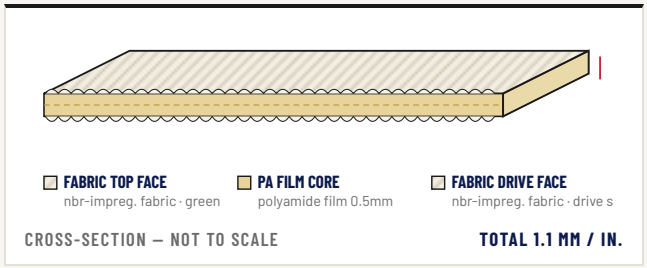
02 TECHNICAL SPECIFICATIONS

Total thickness	**1.1**	mm	*0.043*	*in.*
Weight	**1.1 kg/m²**			
Elongation	**Standard 2.0%, max. 3.0%**			
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**325**	mm	*13*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**50**	mm	*1.97*	*in.*





CROSS-SECTION – NOT TO SCALE — **TOTAL 1.1 MM / IN.**

04 PROPERTIES

Antistatic	**YES**

05 APPLICATION

Tensile strength 150N/mm. Max. allowable tension 22.5N/mm. Elongation at break 20%. Max. length 105m. Splice: Skiver. Features: Moderate C.O.F., Slider bed, Roller bed. Typical uses: Sheet-fed printing press; Rotary printing press; Light duty conveyor.

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.