TECHNICAL DATA SHEET

OKBEXH-8E55

Nitrile power transmission belt · Blue textured surface · 5.5 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

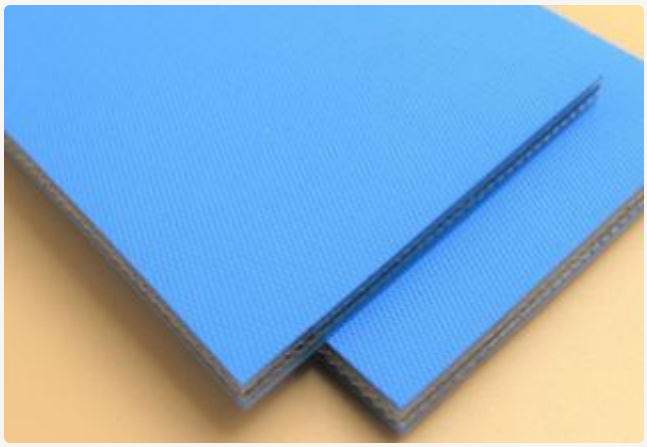
TOP COVER	Material	NBR
	Surface	Textured surface
	Colour	Blue
CARCASS	Fabric	Polyester Fabric
BOTTOM	Material	NBR
	Surface	Textured surface
	Colour	Blue

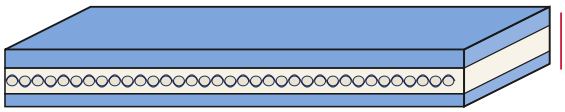
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.5**	mm	*0.217*	*in.*
Weight	**6.5 kg/m²**			
Elongation	**Standard 1.0%, max. 2.0%**			
Temperature — minimum (1)	**–20**	°C	*–4*	*°F*
Temperature — maximum (1)	**60**	°C	*140*	*°F*
Max. production width	**500**	mm	*20*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**80**	mm	*3.15*	*in.*
■ Back-flex (counter-bending) pulley	**80**	mm	*3.15*	*in.*





NITRILE COVER
blue · textured surface

1-PLY POLYESTER
polyester fabric

NITRILE COVER
blue · textured surface · dr

CROSS-SECTION — NOT TO SCALE

TOTAL 5.5 MM / IN.

04 PROPERTIES

Antistatic	YES

05 APPLICATION

Tensile strength 150N/mm. Max. allowable tension 18N/mm. Elongation at break 13%. Max. length 45m. Splice: Finger, (10×70). Features: High lateral rigidity, Twist resistance, Roller bed. Typical uses: Folder gluer; Woodworking machine; Medium 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.