TECHNICAL DATA SHEET

OKBEMH-3000

Nitrile power transmission belt · Blue rough pattern · 5.5 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

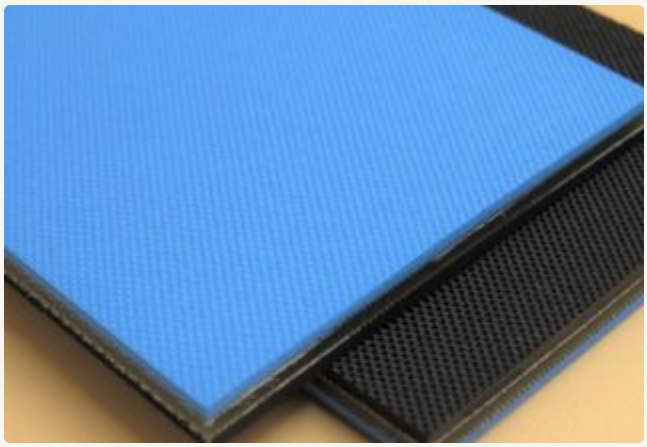
TOP COVER	Material	NBR (0.9mm)
	Surface	Rough pattern
	Colour	Blue
CARCASS	Fabric	Polyamide Film 3.0mm
BOTTOM	Material	NBR (0.9mm)
	Surface	Rough pattern
	Colour	Black

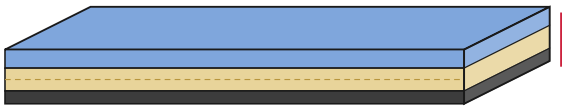
02 TECHNICAL SPECIFICATIONS

Total thickness	**5.5**	mm	*0.217*	*in.*
Weight			**6.5 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	**300**	mm	*12*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**300**	mm	*11.81*	*in.*





NITRILE COVER
blue · rough pattern

PA FILM CORE
polyamide film 3.0mm

NITRILE COVER
black · rough pattern · driv

CROSS-SECTION – NOT TO SCALE

TOTAL 5.5 MM / IN.

04 PROPERTIES

Antistatic	YES

05 APPLICATION

Tensile strength 900N/mm. Max. allowable tension 135.0N/mm. Elongation at break 20%. Max. length 50m. Splice: Skiver. Features: Superior abrasion resistance, Superior oil resistance, Thick (Heavy) rubber type. Typical uses: Drum capstan; Papermaking machine; General transmission 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.