TECHNICAL DATA SHEET

OKBEXH-500-3-F

Nitrile food-grade power transmission belt · Light gray rough pattern · 3.0 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

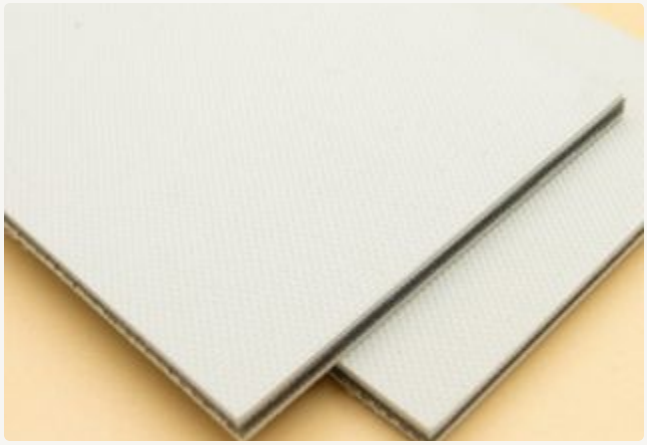
TOP COVER	Material	**NBR (0.9mm)**
	Surface	**Rough pattern**
	Colour	**Light gray**
CARCASS	Fabric	**Polyamide Film 0.5mm**
BOTTOM	Material	**NBR (0.9mm)**
	Surface	**Rough pattern**
	Colour	**Light gray**

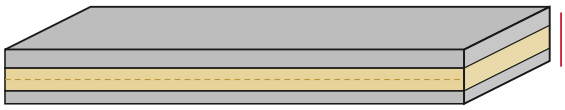
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.0**	mm	*0.118*	*in.*
Weight			**3.4 kg/m²**	
Elongation			**Standard 1.0%, max. 2.0%**	
Temperature – minimum (1)	**–20**	°C	*–4*	*°F*
Temperature – maximum (1)	**80**	°C	*176*	*°F*
Max. production width	**320**	mm	*13*	*in.*

03 MINIMUM PULLEY DIAMETER (2)

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





NITRILE COVER light gray · rough pattern
PA FILM CORE polyamide film 0.5mm
NITRILE COVER light gray · rough pattern ·

CROSS-SECTION – NOT TO SCALE

TOTAL 3.0 MM / IN.

04 PROPERTIES

Antistatic	**YES**
FDA compliant compound	**YES**

05 APPLICATION

Tensile strength 150N/mm. Max. allowable tension 15.2N/mm. Elongation at break 20%. Max. length 103m. Splice: Skiver. Features: High grip, Twist resistance, Superior abrasion resistance, Thicker (Extra Heavy) rubber type. Typical uses: Folder gluer.

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.