TECHNICAL DATA SHEET

# OKBEXH-500-4-F

Nitrile food-grade power transmission belt · Light gray rough pattern · 4.0 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

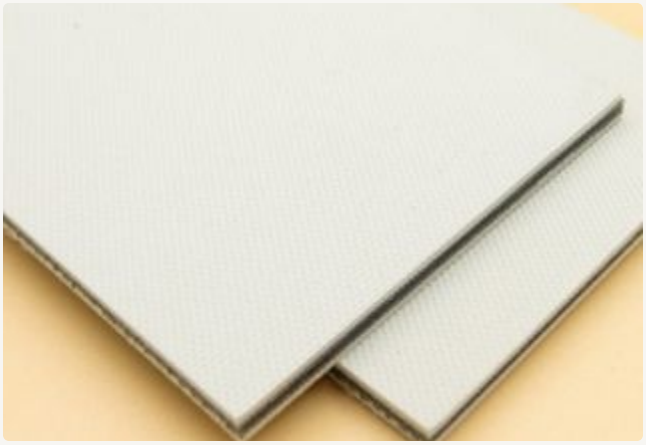
| | | |
|---|---|---|
| TOP COVER | Material | **NBR (1.4mm)** |
| | Surface | **Rough pattern** |
| | Colour | **Light gray** |
| CARCASS | Fabric | **Polyamide Film 0.5mm** |
| BOTTOM | Material | **NBR (1.4mm)** |
| | Surface | **Rough pattern** |
| | Colour | **Light gray** |

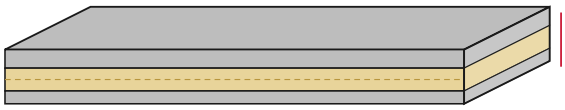
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **4.0** | mm | *0.157* | *in.* |
| Weight | | | **4.3 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 | **60** | mm | *2.36* | *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 4.0 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.


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