TECHNICAL DATA SHEET

# OKBEHA-1500

Nitrile power transmission belt · Blue rough pattern · 4.5 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

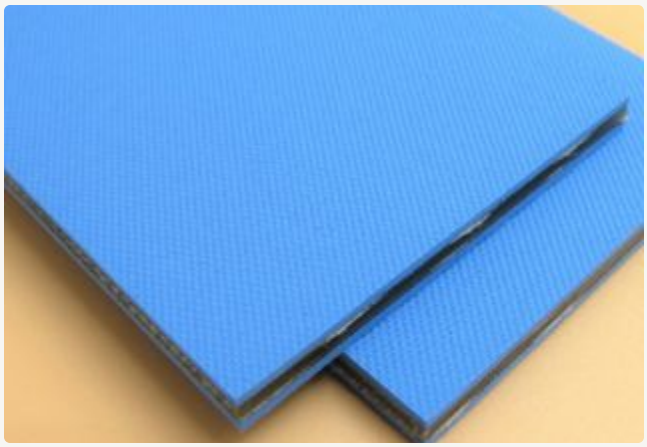
| | | |
|---|---|---|
| TOP COVER | Material | **NBR (1.1mm)** |
| | Surface | **Rough pattern** |
| | Colour | **Blue** |
| CARCASS | Fabric | **Polyamide Film 1.5mm** |
| BOTTOM | Material | **NBR (1.1mm)** |
| | Surface | **Rough pattern** |
| | Colour | **Blue** |

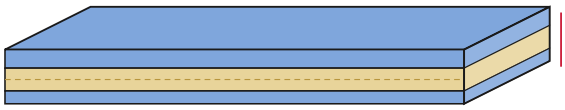
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **4.5** | mm | *0.177* | *in.* |
| Weight | | | **5.0 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 | **150** | mm | *5.91* | *in.* |





| NITRILE COVER | PA FILM CORE | NITRILE COVER |
|---|---|---|
| blue · rough pattern | polyamide film 1.5mm | blue · rough pattern · drive |

CROSS-SECTION – NOT TO SCALE — **TOTAL 4.5 MM / IN.**

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | **YES** |

## 05 APPLICATION

Tensile strength 450N/mm. Max. allowable tension 67.5N/mm. Elongation at break 20%. Max. length 105m. Splice: Skiver. Features: Superior abrasion resistance, Superior oil resistance, Light colored on both covers, Thick (Heavy) rubber type. Typical uses: Tube winder; 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.