TECHNICAL DATA SHEET

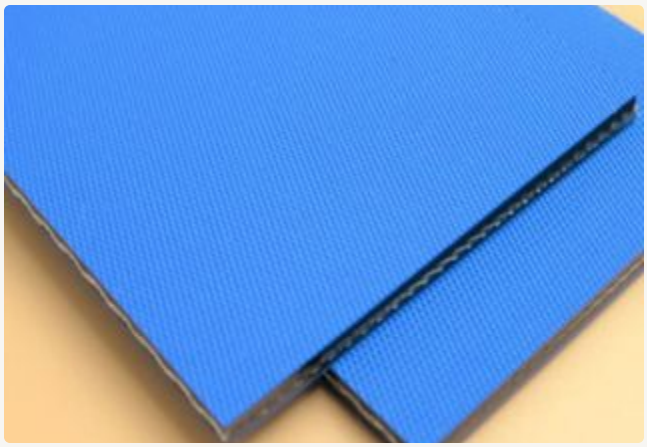
# OKBETLA-30E30-2

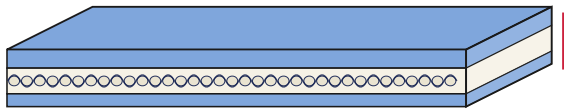
Nitrile power transmission belt · Dark blue rough pattern · 3.0 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **NBR** |
| | Surface | **Rough pattern** |
| | Colour | **Dark blue** |
| CARCASS | Fabric | **Polyester Fabric** |
| BOTTOM | Material | **NBR** |
| | Surface | **Rough pattern** |
| | Colour | **Dark blue** |






CROSS-SECTION — NOT TO SCALE

**TOTAL 3.0 MM / IN.**

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **3.0** | mm | *0.118* | *in.* |
| Weight | | | **3.5 kg/m²** | |
| Elongation | | | **Standard 1.0%, max. 2.0%** | |
| Temperature — minimum (1) | **0** | °C | *32* | *°F* |
| Temperature — maximum (1) | **60** | °C | *140* | *°F* |
| Max. production width | **500** | mm | *20* | *in.* |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **70** | mm | *2.76* | *in.* |
| ■ Back-flex (counter-bending) pulley | **70** | mm | *2.76* | *in.* |

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | **YES** |
| Flame retardant | **YES** |

## 05 APPLICATION

Tensile strength 250N/mm. Max. allowable tension 82.0N/mm. Elongation at break 8%. Max. length 100m. Splice: Finger, (10×120). Features: Flame retardant : ASTM-D378. Typical uses: Draw texturing machine; Heavy duty conveyor; General transmission belt; Textile machine(Tangential belt, TFO twister).

**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.