TECHNICAL DATA SHEET

# OKBETTA-500

Polyamide power transmission belt · Blue fabric · 1.3 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **Polyamide** |
| | Surface | **Fabric** |
| | Colour | **Blue** |
| CARCASS | Fabric | **Polyamide Film 0.5mm** |
| BOTTOM | Material | **Polyamide** |
| | Surface | **Fabric** |
| | Colour | **Blue** |

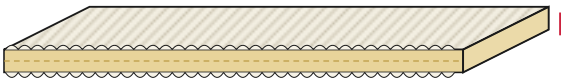
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **1.3** | mm | *0.051* | *in.* |
| Weight | | | **1.2 kg/m²** | |
| Elongation | | | **Standard 1.0%, max. 3.0%** | |
| 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.* |





FABRIC TOP FACE — fabric · blue
PA FILM CORE — polyamide film 0.5mm
FABRIC DRIVE FACE — fabric · drive side

CROSS-SECTION — NOT TO SCALE

**TOTAL 1.3 MM / IN.**

## 04 APPLICATION

Tensile strength 150N/mm. Max. allowable tension 22.5N/mm. Elongation at break 20%. Max. length 100m. Splice: Skiver. Features: Superior abrasion resistance, High lateral rigidity, Slider bed, Roller bed.

**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.