TECHNICAL DATA SHEET

# OKBE2NF2706AS

PVC conveyor belt · Petrol glossy · 2.3 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | PVC 85 Shore A (0.6mm) |
| | Surface | Glossy |
| | Colour | Petrol |
| CARCASS | Fabric | Polyester Fabric |
| | Number of plies | 2ply |
| BOTTOM | Material | Polyester |
| | Surface | Non-rigid |



PVC COVER — petrol · glossy
2-PLY POLYESTER — polyester fabric
FABRIC DRIVE FACE — non-rigid · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 2.3 MM / IN.

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **2.3** | mm | *0.091* | *in.* |
| Weight | | | **2.7 kg/m²** | |
| Load at 1% elongation | **12.0** | N/mm | *68.5* | *lbs/in.* |
| Elongation | | | **Standard 0.5%, max. 1.0%** | |
| Temperature — minimum (1) | **–10** | °C | *14* | *°F* |
| Temperature — maximum (1) | **80** | °C | *176* | *°F* |
| Max. production width | **3000** | mm | *118* | *in.* |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **50** | mm | *1.97* | *in.* |
| ■ Back-flex (counter-bending) pulley | **75** | mm | *2.95* | *in.* |

## 04 APPLICATION

Tensile strength 200 N/mm. Max. allowable tension 12.0 N/mm. Elongation at break 20 %. Max. length 100m. Splice: Finger. Typical uses: Agricultural and horticultural industry; Curved conveyors and spiral conveyors; General purpose conveying; The covers have antistatic properties.

**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.


SOLUTIONS@ORIONTEK.US · 786-440-6995 · ORIONTEK.US