TECHNICAL DATA SHEET

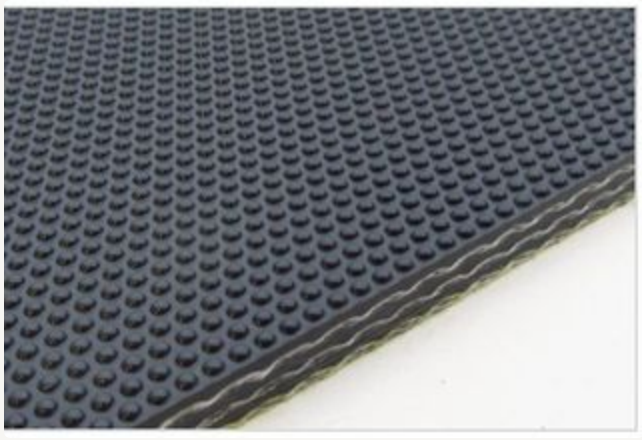
# OKHBNAO-40EHAV

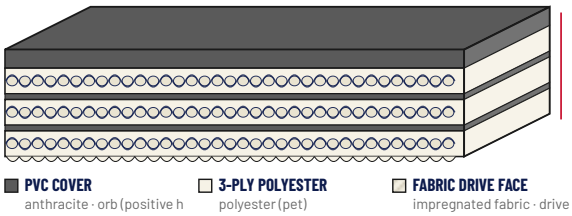
3-ply PVC conveyor belt · Anthracite orb (positive hemispherical) structure · 7 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **PVC** |
| | Surface | **Orb (positive hemispherical) structure** |
| | Colour | **Anthracite** |
| CARCASS | Fabric | **Polyester (PET)** |
| | Number of plies | **3** |
| BOTTOM | Material | **Polyester fabric** |
| | Surface | **Impregnated fabric** |
| | Colour | **Yellow** |






CROSS-SECTION — NOT TO SCALE — **TOTAL 7 MM / IN.**

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **7** | mm | *0.276* | *in.* |
| Weight | | | | **7 kg/m²** |
| Load at 1% elongation | **23** | N/mm | *131.3* | *lbs/in.* |
| Temperature — minimum (1) | **–10** | °C | *14* | *°F* |
| Temperature — maximum (1) | **70** | °C | *158* | *°F* |
| Max. production width | **2200** | mm | *87* | *in.* |
| Coefficient of friction | | | | **Drive side on steel 0.15** |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **300** | mm | *11.81* | *in.* |
| ■ Back-flex (counter-bending) pulley | **300** | mm | *11.81* | *in.* |

## 04 PROPERTIES

| | |
|---|---|
| Metal detector friendly | **YES** |
| Slider bed | **YES** |
| Roller bed | **YES** |

## 05 APPLICATION

Features: Abrasion resistant, Chemical resistant, High grip surface, High strength, Water resistant. Typical uses: Calibrating machines, Engineered stone processing, Polishing machines. Industries: Marble and stone. Admissible tensile force 58 N/mm.

**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.