TECHNICAL DATA SHEET

# OKHBGK3CP-5V-4V-M

1-ply PVC power transmission belt · Gray smooth · 12.4 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

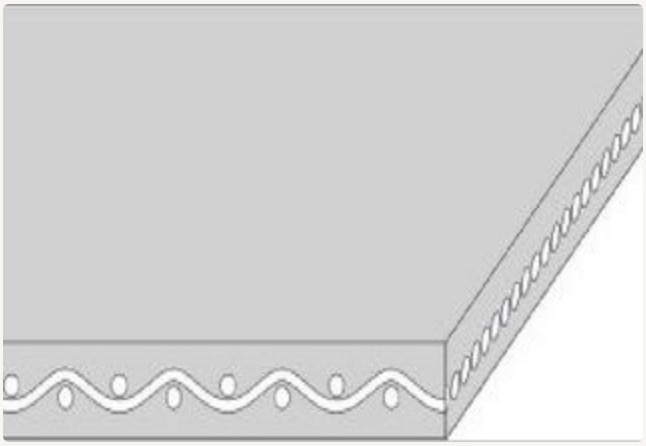
| | | |
|---|---|---|
| TOP COVER | Material | **PVC** |
| | Surface | **Smooth** |
| | Colour | **Gray** |
| CARCASS | Fabric | **Polyester (PET)** |
| | Number of plies | **1** |
| BOTTOM | Material | **PVC** |
| | Surface | **Smooth** |
| | Colour | **Bluish** |

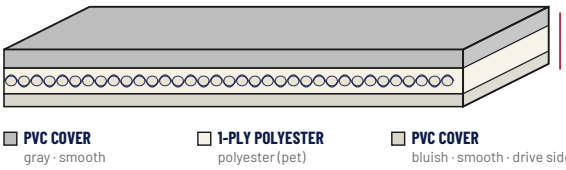
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **12.4** | mm | *0.488* | *in.* |
| Weight | | | **15.5 kg/m²** | |
| Load at 1% elongation | **10** | N/mm | *57.1* | *lbs/in.* |
| Temperature – minimum [1] | **–10** | °C | *14* | *°F* |
| Temperature – maximum [1] | **70** | °C | *158* | *°F* |
| Max. production width | **1900** | mm | *75* | *in.* |

## 03 MINIMUM PULLEY DIAMETER [2]

| | | | | |
|---|---|---|---|---|
| ■ Back-flex (counter-bending) pulley | **100** | mm | *3.94* | *in.* |






CROSS-SECTION – NOT TO SCALE

**TOTAL 12.4 MM / IN.**

## 04 PROPERTIES

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

## 05 APPLICATION

Features: Abrasion resistant, Constant coefficient of friction, Constant grip and release property, Dimensionally stable, High grip surface, Low elasticity. Typical uses: Cable puller. Industries: Cable, Molding, Plastic manufacturing.

**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.