TECHNICAL DATA SHEET

# OKHBTF-75TE

2-ply polyester power transmission belt · White fabric · 4.4 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

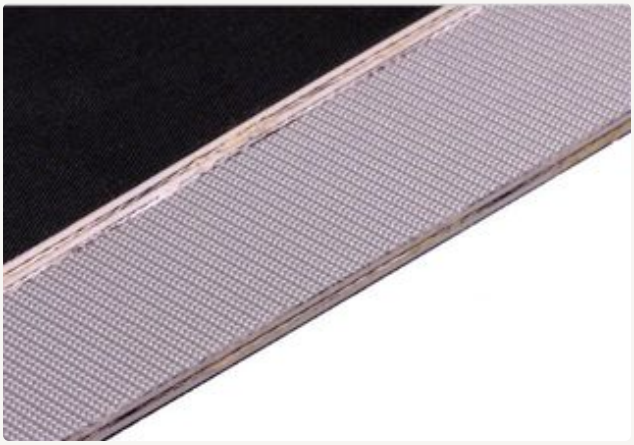
| | | |
|---|---|---|
| TOP COVER | Material | **Polyester fabric** |
| | Surface | **Fabric** |
| | Colour | **White** |
| CARCASS | Fabric | **Aramid fabric** |
| | Number of plies | **2** |
| BOTTOM | Material | **Acrylonitrile-Butadiene-Rubber (NBR) as friction cover** |
| | Surface | **Rough structure** |
| | Colour | **Black** |

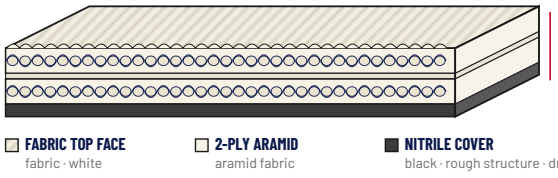
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **4.4** | mm | *0.173* | *in.* |
| Weight | | | **4.5 kg/m²** | |
| Load at 1% elongation | **75** | N/mm | *428.2* | *lbs/in.* |
| Temperature – minimum (1) | **–20** | °C | *–4* | *°F* |
| Temperature – maximum (1) | **65** | °C | *149* | *°F* |
| Max. production width | **1100** | mm | *43* | *in.* |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **200** | mm | *7.87* | *in.* |
| ■ Back-flex (counter-bending) pulley | **200** | mm | *7.87* | *in.* |






CROSS-SECTION – NOT TO SCALE — **TOTAL 4.4 MM / IN.**

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | **YES** |

## 05 APPLICATION

Features: Abrasion resistant, Dimensionally stable, Energy saving, High modulus of elasticity, Low initial tension, Simple and fast joining method. Typical uses: Live roller drive belt, Power transmission belt. Industries: Distribution centers, Paper manufacturing and processing, Wood panel and boards. Nominal peripheral force 75 N/mm. One-sided power transmission.

**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.