TECHNICAL DATA SHEET

# OKHBA150FBS-B

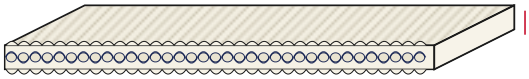
1-ply polyester conveyor belt · Black fabric · 3.5 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **Polyester fabric (PET) impregnated with polyvinylchloride** |
| | Surface | **Fabric** |
| | Colour | **Black** |
| CARCASS | Fabric | **Polyester (PET)** |
| | Number of plies | **1** |
| BOTTOM | Material | **PVC** |
| | Surface | **Fabric** |
| | Colour | **Black** |





FABRIC TOP FACE — fabric · black
1-PLY POLYESTER — polyester (pet)
FABRIC DRIVE FACE — fabric · drive side

CROSS-SECTION — NOT TO SCALE — **TOTAL 3.5 MM / IN.**

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **3.5** | mm | *0.138* | *in.* |
| Weight | | | **4.0 kg/m²** | |
| Load at 1% elongation | **12** | N/mm | *68.5* | *lbs/in.* |
| Temperature — minimum (1) | **–23** | °C | *–9* | *°F* |
| Temperature — maximum (1) | **82** | °C | *180* | *°F* |
| Max. production width | **1829** | mm | *72* | *in.* |
| Coefficient of friction | | | **Drive side on steel 0.30** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **76** | mm | *2.99* | *in.* |
| ■ Back-flex (counter-bending) pulley | **76** | mm | *2.99* | *in.* |

## 04 PROPERTIES

| | |
|---|---|
| Flame retardant | **YES** |
| Slider bed | **YES** |
| Roller bed | **YES** |

## 05 APPLICATION

Features: Temperature variation resistant. Industries: Distribution centers, General conveying. Admissible tensile force 16 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.