TECHNICAL DATA SHEET

# OKHBHNA-12E

2-ply cross-linked pu conveyor belt · Green ( green) smooth · 1.10 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

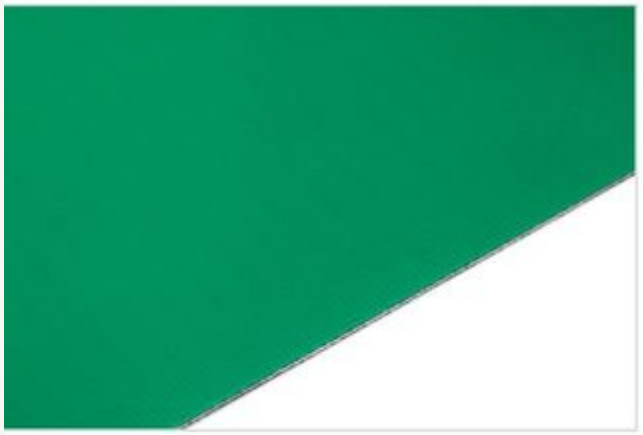
| | | |
|---|---|---|
| TOP COVER | Material | **Cross-linked PU** |
| | Surface | **Smooth** |
| | Colour | **Green ( green)** |
| CARCASS | Fabric | **Polyester (PET)** |
| | Number of plies | **2** |
| BOTTOM | Material | **Cross-linked PU** |
| | Surface | **Impregnated fabric** |
| | Colour | **Black** |

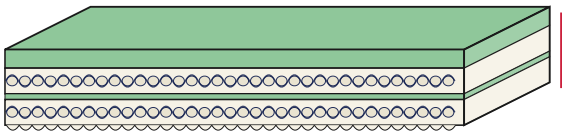
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **1.10** | mm | *0.043* | *in.* |
| Weight | | | **1.2 kg/m²** | |
| Load at 1% elongation | **13** | N/mm | *74.2* | *lbs/in.* |
| Temperature — minimum (1) | **0** | °C | *32* | *°F* |
| Temperature — maximum (1) | **100** | °C | *212* | *°F* |
| Max. production width | **2400** | mm | *94* | *in.* |
| Coefficient of friction | | | **Drive side on steel 0.15** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **60** | mm | *2.36* | *in.* |
| ■ Back-flex (counter-bending) pulley | **60** | mm | *2.36* | *in.* |





**CROSS-LINKED P COVER** green ( green) · smooth
**2-PLY POLYESTER** polyester (pet)
**FABRIC DRIVE FACE** impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

**TOTAL 1.10 MM / IN.**

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | YES |
| Slider bed | YES |
| Roller bed | YES |
| Troughed | YES |
| Power turns | YES |

## 05 APPLICATION

Features: Abrasion resistant, Cut resistant, Oil resistant, Powerturn suitable. Typical uses: Powerturn belt, Processing belt, Sorting belt. Industries: Industrial automation, Insulation boards. Admissible tensile force 32 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.