TECHNICAL DATA SHEET

# OKHBE-FB12-HC-EH-EH-UE

PU food-grade conveyor belt · Cobalt blue medium textile structure · 1.20 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **TPU** |
| | Surface | **Medium textile structure** |
| | Colour | **Cobalt blue** |
| BOTTOM | Surface | **Medium textile structure** |
| | Colour | **Black** |

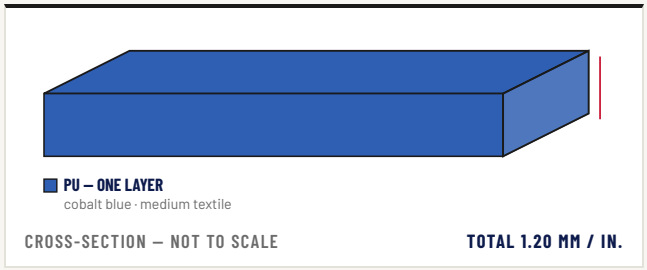
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **1.20** | mm | *0.047* | *in.* |
| Weight | | | **1.1 kg/m²** | |
| Load at 1% elongation | **0.20** | N/mm | *1.1* | *lbs/in.* |
| Temperature – minimum (1) | **–20** | °C | *–4* | *°F* |
| Temperature – maximum (1) | **60** | °C | *140* | *°F* |
| Max. production width | **1350** | mm | *53* | *in.* |
| Coefficient of friction | | | **Drive side on steel 0.40** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ▪ Minimum pulley / nose bar | **12** | mm | *0.47* | *in.* |
| ▪ Back-flex (counter-bending) pulley | **12** | mm | *0.47* | *in.* |






CROSS-SECTION – NOT TO SCALE — **TOTAL 1.20 MM / IN.**

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | **YES** |
| FDA compliant compound | **YES** |
| EU 10/2011 | **YES** |
| Slider bed | **YES** |
| Roller bed | **YES** |
| Troughed | **YES** |

## 05 APPLICATION

Features: Abrasion resistant, Edges wear resistant, Elastic, Flexibility in all directions, Hydrolysis resistant, Monolithic Belt, Oil.
Typical uses: Diverting belt, Packaging belt, Weighing belt.
Industries: Biscuit and Crackers, Chocolate, Convenience food, Frozen food, Poultry, Primary food packaging, Ready meals.

**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.