TECHNICAL DATA SHEET

# OKHBTC13-NM-BLUE-20

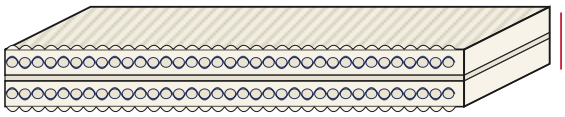
2-ply polyester food-grade conveyor belt · White fabric · 1.30 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **Polyester (PET)/Cotton (CO) fabric** |
| | Surface | **Fabric** |
| | Colour | **White** |
| CARCASS | Fabric | **Polyester (PET)** |
| | Number of plies | **2** |
| BOTTOM | Material | **Polyester fabric** |
| | Surface | **Impregnated fabric** |
| | Colour | **Cobalt blue** |





FABRIC TOP FACE
fabric · white

2-PLY POLYESTER
polyester (pet)

FABRIC DRIVE FACE
impregnated fabric · drive s

CROSS-SECTION — NOT TO SCALE

TOTAL 1.30 MM / IN.

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **1.30** | mm | *0.051* | *in.* |
| Weight | | | **1.2 kg/m²** | |
| Load at 1% elongation | **5.5** | N/mm | *31.4* | *lbs/in.* |
| Temperature — minimum (1) | **–20** | °C | *–4* | *°F* |
| Temperature — maximum (1) | **100** | °C | *212* | *°F* |
| Max. production width | **2150** | mm | *85* | *in.* |
| Coefficient of friction | | | **Drive side on steel 0.15** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **20** | mm | *0.79* | *in.* |
| ■ Back-flex (counter-bending) pulley | **30** | mm | *1.18* | *in.* |

## 04 PROPERTIES

| | |
|---|---|
| FDA compliant compound | YES |
| EU 10/2011 | YES |
| Metal detector friendly | YES |
| Slider bed | YES |
| Roller bed | YES |
| Troughed | YES |
| Power turns | YES |

## 05 APPLICATION

Features: Knife-edge (nosebar) suitable, Oil and fat resistant. Typical uses: Biscuit/Cookie pre-oven applications, Cutter belt, Dough belt, Dough rework belt, Rotary cutter belt. Industries: Biscuit and Crackers, Bread. Admissible tensile force 14 N/mm. Knife-edge radius 4 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.