TECHNICAL DATA SHEET

# OKBEWHNP-12AK

PVC food-grade conveyor belt · White nipple top · 2.8 mm
FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **PVC 55 Shore A (0.70mm)** |
| | Surface | **Nipple top** |
| | Colour | **White** |
| CARCASS | Fabric | **Polyester Fabric** |
| | Number of plies | **2ply** |
| BOTTOM | Material | **Polyester** |
| | Surface | **Rigid** |

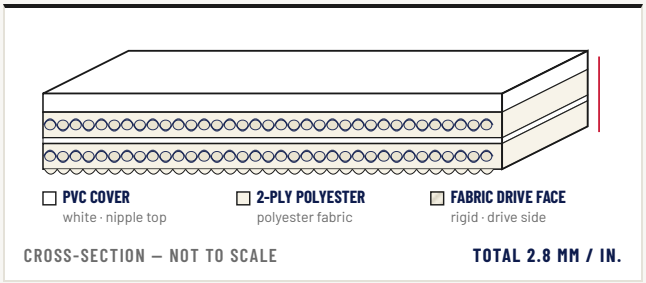
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **2.8** | mm | *0.110* | *in.* |
| Weight | | | **2.7 kg/m²** | |
| Load at 1% elongation | **8.0** | N/mm | *45.7* | *lbs/in.* |
| Elongation | | | **Standard 0.5%, max. 1.0%** | |
| Temperature — minimum (1) | **–10** | °C | *14* | *°F* |
| Temperature — maximum (1) | **90** | °C | *194* | *°F* |
| Max. production width | **2000** | mm | *79* | *in.* |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **40** | mm | *1.57* | *in.* |
| ■ Back-flex (counter-bending) pulley | **50** | mm | *1.97* | *in.* |






CROSS-SECTION — NOT TO SCALE — TOTAL 2.8 MM / IN.

## 04 PROPERTIES

| | |
|---|---|
| FDA compliant compound | YES |
| EU 10/2011 | YES |

## 05 APPLICATION

Tensile strength 120 N/mm. Max. allowable tension 8.0 N/mm. Elongation at break 20 %. Max. length 100m. Splice: Finger. Features: Oil and Grease Resistant. Typical uses: Oil and grease resistant; Packaging machines; Transport of frozen products; Dough handling in bakeries; Conveyor belt for the food industry.

**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.