TECHNICAL DATA SHEET

# OKCHN1474

2-ply PU food-grade conveyor belt · Dark blue smooth · 1.40 mm
Medium-friction conveying surface · Antistatic

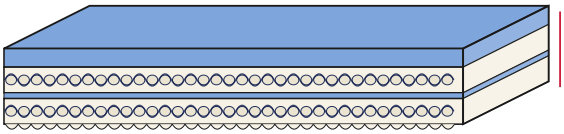
ORIONTEK
ENGINEERING GOOD SOLUTIONS

Manufactured in Europe to Oriontek specification. Supplied, fabricated and installed by Oriontek.

## 01 CONSTRUCTION

| | | | |
|---|---|---|---|
| **CONVEYING** | Material | | **Polyurethane (TPU)** |
| | Thickness | **0.20** mm | *0.008 in.* |
| | Surface pattern | | **Smooth** |
| | Colour | | **Dark blue** |
| | Coefficient of friction | | **MF — medium friction** |
| **CARCASS** | Material | | **Polyester (PET)** |
| | Number of plies | | **2** |
| | Weft type | | **Combined** |
| **DRIVING** | Material | | **Fabric, polyurethane (TPU) impregnated** |
| | Surface pattern | | **Fabric** |
| | Colour | | **Light blue** |






CROSS-SECTION — NOT TO SCALE

TOTAL 1.40 MM / 0.06 IN.

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **1.40** | mm | *0.06* | *in.* |
| Weight | **1.40** | kg/m² | *0.29* | *lbs/sq.ft* |
| Elongation at 1% | **5** | N/mm | *29.0* | *lbs/in.* |
| Max. admissible pull | **10** | N/mm | *57.0* | *lbs/in.* |
| Temperature — minimum (1) | **–30** | °C | *–22* | *°F* |
| Temperature — maximum (1) | **100** | °C | *212* | *°F* |
| Max. production width (3) | **2000** | mm | *79* | *in.* |

## 03 MINIMUM RADIUS / DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Knife edge, minimum radius | **4** | mm | *0.16* | *in.* |
| ■ Bending roller, min. diameter | **8** | mm | *0.31* | *in.* |
| ■ Counter-bending roller, min. dia. | **16** | mm | *0.63* | *in.* |

## 04 FRICTION — DRIVING SURFACE

| | |
|---|---|
| ■ Raw steel sheet | **0.20** [-] |
| ■ Laminated plastic / wood | **0.25** [-] |
| ■ Steel roller | **0.20** [-] |
| ■ Rubberized roller | **0.30** [-] |

## 05 PERFORMANCE & HANDLING

| | |
|---|---|
| Humidity influence | NO |
| Suitable for metal detector | NO |
| Permanently antistatic, dynamic (UNI EN ISO 21179) | YES |
| Static conductivity (UNI EN ISO 284) | NO |
| Conveying on skid bed | YES |
| Conveying on rollers | YES |
| Skid bed on top *and* return | NO |
| Troughed conveying | NO |
| Curved conveyor | NO |
| Swan-neck conveying | NO |
| Inclined conveying | NO |
| Accumulation belts | NO |
| Chemical resistance rating | 12 |

## 06 COMPLIANCE

- REACH EC 1907/2006 and amendments
- EC 1935/2004 and amendments
- EC 2023/2006 and amendments
- EU 10/2011, 2024/3190 and amendments
- FDA — U.S. Food and Drug Administration
- HACCP (Hazard Analysis and Critical Control Points)
- USDA Meat&Poultry (United States Department of
- NSF/ANSI 3-A 14159-3-2014 and amendments
- HALAL (World Halal Authority)

## 07 APPROVED APPLICATIONS

- Food — slicing machines
- Food — dairy
- Food — chocolate bars
- Food — seafood processing
- Food — bakery

**Oriontek service:** supplied endless-joined, open-length or fabricated with profiles, sidewalls, cleats and V-guides. Onsite splicing available.