TECHNICAL DATA SHEET

# OKFO822179

Polyurethane flat belt / machine tape · Transparent smooth · 3.8 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

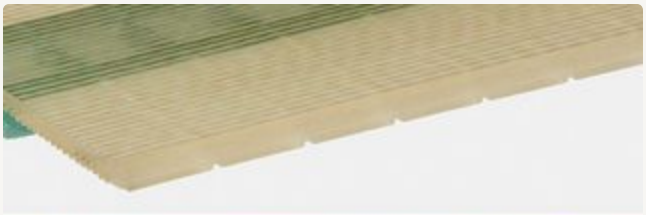
| | | |
|---|---|---|
| TOP COVER | Material | **Polyurethane** |
| | Surface | **Smooth** |
| | Colour | **Transparent** |
| CARCASS | Fabric | **Aramid cords** |
| BOTTOM | Material | **Polyurethane** |
| | Surface | **Smooth** |
| | Colour | **Transparent** |

## 02 TECHNICAL SPECIFICATIONS

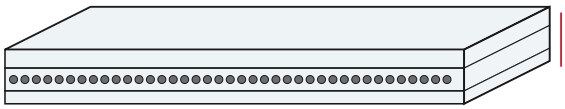
| | | | | |
|---|---|---|---|---|
| Total thickness | **3.8** | mm | *0.150* | *in.* |
| Weight | | | **1.032 lb/ft²** | |
| Load at 1% elongation | **70** | N/mm | *399.7* | *lbs/in.* |
| Temperature — minimum (1) | **–20** | °C | *–4* | *°F* |
| Temperature — maximum (1) | **80** | °C | *176* | *°F* |
| Max. production width | **77** | mm | *3* | *in.* |
| Coefficient of friction | | | **Top 1.8 / drive side 1.3** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ▪ Minimum pulley / nose bar | **76** | mm | *2.99* | *in.* |
| ▪ Back-flex (counter-bending) pulley | **76** | mm | *2.99* | *in.* |







☐ **PU COVER** transparent · smooth
☐ **ARAMID CORD CORE** aramid cords
☐ **PU COVER** transparent · smooth · drive

CROSS-SECTION — NOT TO SCALE — **TOTAL 3.8 MM / IN.**

## 04 PROPERTIES

| | |
|---|---|
| Troughed conveying | NO |

## 05 APPLICATION

Distribution Parcel, Carrier, Sores (Live Roller conveyor)

**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.