TECHNICAL DATA SHEET

# OKFO900094

Polyamide food-grade flat belt / machine tape · Black smooth · 3.1 mm
Antistatic · FDA compliant compound

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

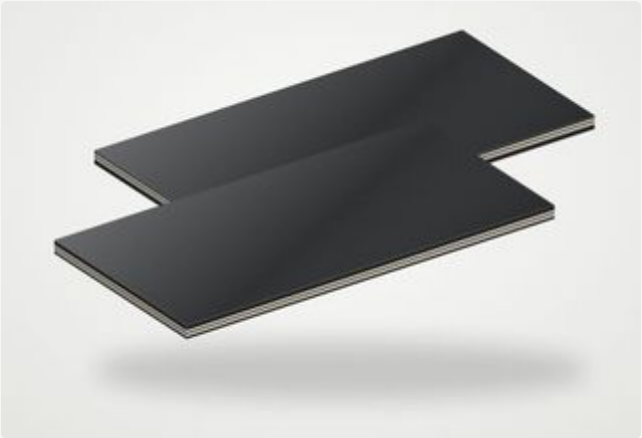
| | | |
|---|---|---|
| TOP COVER | Material | **Polyamide** |
| | Surface | **Smooth** |
| | Colour | **Black** |
| CARCASS | Fabric | **Polyamide sheet, highly-orientated** |
| BOTTOM | Material | **Polyamide** |
| | Surface | **Smooth** |
| | Colour | **Black** |

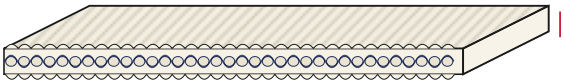
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **3.1** | mm | *0.122* | *in.* |
| Weight | | | **0.717 lb/ft²** | |
| Load at 1% elongation | **27** | N/mm | *154.2* | *lbs/in.* |
| Temperature — minimum (1) | **–40** | °C | *–40* | *°F* |
| Temperature — maximum (1) | **80** | °C | *176* | *°F* |
| Max. production width | **510** | mm | *20* | *in.* |
| Coefficient of friction | | | **Top 0.25 / drive side 0.25** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **250** | mm | *9.84* | *in.* |
| ■ Back-flex (counter-bending) pulley | **250** | mm | *9.84* | *in.* |





**FABRIC TOP FACE** smooth · black
**1-PLY POLYAMIDE** polyamide sheet, highly-orie
**FABRIC DRIVE FACE** smooth · drive side

CROSS-SECTION — NOT TO SCALE

**TOTAL 3.1 MM / 0.122 IN.**

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | YES |
| FDA compliant compound | YES |
| Troughed conveying | NO |
| Accumulation conveying | YES |

## 05 APPLICATION

Steel / Recyling (Can manufacturing); Yarn (Blowroom/bale opening systems)

**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.