TECHNICAL DATA SHEET

# OKFO850048

Polyamide flat belt / machine tape · Black fabric · 3 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **Polyamide fabric** |
| | Surface | **Fabric** |
| | Colour | **Black** |
| CARCASS | Fabric | **Polyamide sheet, highly-orientated** |
| BOTTOM | Material | **Elastomer G** |
| | Surface | **Normal texture** |
| | Colour | **Black** |

## 02 TECHNICAL SPECIFICATIONS

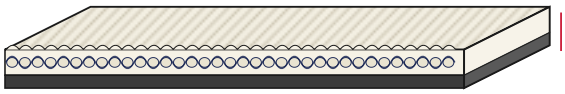
| | | | | |
|---|---|---|---|---|
| Total thickness | **3** | mm | *0.118* | *in.* |
| Weight | | | **0.676 lb/ft²** | |
| Load at 1% elongation | **14** | N/mm | *79.9* | *lbs/in.* |
| Temperature – minimum (1) | **–20** | °C | *–4* | *°F* |
| Temperature – maximum (1) | **80** | °C | *176* | *°F* |
| Max. production width | **1000** | mm | *39* | *in.* |
| Coefficient of friction | | | **Top 0.3 / drive side 0.9** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **120** | mm | *4.72* | *in.* |
| ■ Back-flex (counter-bending) pulley | **120** | mm | *4.72* | *in.* |







**FABRIC TOP FACE**
fabric · black

**1-PLY POLYAMIDE**
polyamide sheet, highly-orie

**ELASTOMER COVER**
black · normal texture · dri

CROSS-SECTION – NOT TO SCALE

**TOTAL 3 MM / 0.118 IN.**

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | **YES** |
| Troughed conveying | **NO** |

## 05 APPLICATION

Energy Production (Generator power transmission belt); Wood Based Panel Industry (Gang saw power transmission belt); Yarn (2-pulley power transmission belt; Fan drives)

**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.