TECHNICAL DATA SHEET

# OKFO855604

Elastomer g flat belt / machine tape · Black (whirl/spindle/rotor) fine texture · 2 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

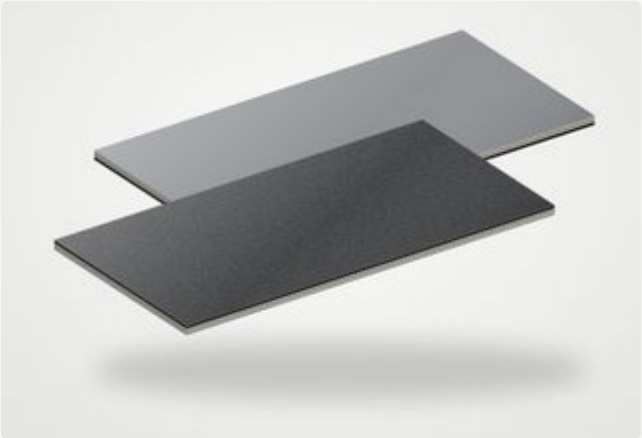
| | | |
|---|---|---|
| TOP COVER | Material | **Elastomer G** |
| | Surface | **Fine texture** |
| | Colour | **Black (whirl/spindle/rotor)** |
| CARCASS | Fabric | **Polyamide sheet, highly-orientated** |
| BOTTOM | Material | **Elastomer G** |
| | Surface | **Normal texture** |
| | Colour | **Grey (drive/pulley)** |

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **2** | mm | *0.079* | *in.* |
| Weight | | | **0.44 lb/ft²** | |
| Load at 1% elongation | **5** | N/mm | *28.6* | *lbs/in.* |
| Temperature – minimum (1) | **–20** | °C | *–4* | *°F* |
| Temperature – maximum (1) | **80** | °C | *176* | *°F* |
| Max. production width | **510** | mm | *20* | *in.* |
| Coefficient of friction | | | **Top 0.9 / drive side 0.9** | |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **30** | mm | *1.18* | *in.* |
| ■ Back-flex (counter-bending) pulley | **30** | mm | *1.18* | *in.* |





■ **ELASTOMER COVER** black (whirl/spindle/rotor) ☐ **1-PLY POLYAMIDE** polyamide sheet, highly-orie ■ **ELASTOMER COVER** grey (drive/pulley) · normal

CROSS-SECTION – NOT TO SCALE **TOTAL 2 MM / 0.079 IN.**

## 04 PROPERTIES

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

## 05 APPLICATION

Yarn (2-pulley power transmission belt; Mule drives / torsional drives; Multi-pulley power transmission belt; Tangential belt)

**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.