TECHNICAL DATA SHEET

# OKHBTC-20EF

1-ply nitrile power transmission belt · Light green fine structure · 2.0 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | Acrylonitrile-Butadiene-Rubber (NBR) as friction cover (whirl |
| | Surface | Fine structure |
| | Colour | Light green |
| CARCASS | Fabric | Polyester (PET) |
| | Number of plies | 1 |
| BOTTOM | Material | Acrylonitrile-Butadiene-Rubber (NBR) as friction cover |
| | Surface | Rough structure |
| | Colour | Black |

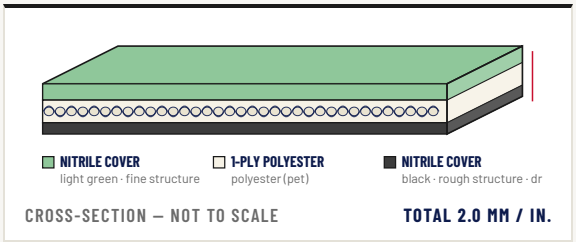
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | 2.0 | mm | *0.079* | *in.* |
| Weight | | | 2.2 kg/m² | |
| Load at 1% elongation | 10 | N/mm | *57.1* | *lbs/in.* |
| Temperature – minimum [1] | –20 | °C | *–4* | *°F* |
| Temperature – maximum [1] | 70 | °C | *158* | *°F* |
| Max. production width | 1100 | mm | *43* | *in.* |

## 03 MINIMUM PULLEY DIAMETER [2]

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | 25 | mm | *0.98* | *in.* |
| ■ Back-flex (counter-bending) pulley | 25 | mm | *0.98* | *in.* |






CROSS-SECTION – NOT TO SCALE — TOTAL 2.0 MM / IN.

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | YES |

## 05 APPLICATION

Features: Abrasion resistant, Adhesive-free joint, Constant coefficient of friction, Dimensionally stable, Energy saving, High modulus of elasticity, Simple and fast joining method. Typical uses: Driving belt, Tangential belt. Industries: Paper manufacturing and processing, Paper printing and finishing, Yarn processing. Nominal peripheral force 21 N/mm. Double-sided power transmission.

**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.