TECHNICAL DATA SHEET

# OKBE42650

E 8/2 UO/T1 Gray Teflon FDA
FDA

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Compound | **Grey Teflon** |
| | Surface | **Smooth** |
| CARCASS | Number of plies | **2** |
| | Skim between plies | **PU** |
| | Cross rigid | **No** |
| BOTTOM | Compound | **Polyester** |
| | Surface | **Bare** |

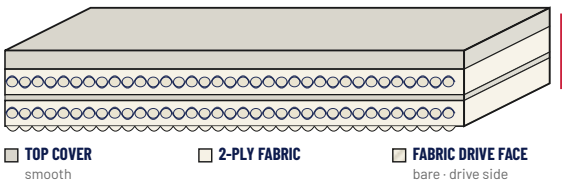
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Overall gauge | **0.0512** | in. | *1.30* | *mm* |
| Unit weight | **0.0222** | lb/PIW | | |
| Pull for 1% elongation | **46** | lbs/in. | *8* | *N/mm* |
| Temperature – minimum (1) | **–4** | °F | *–20* | *°C* |
| Temperature – maximum (1) | **176** | °F | *80* | *°C* |
| Max. production width | **39** | in. | *991* | *mm* |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Normal flex | **1.7716** | in. | *45.00* | *mm* |
| ■ Back flex | **1.9685** | in. | *50.00* | *mm* |






CROSS-SECTION – NOT TO SCALE

**GAUGE 0.0512 IN. / 1.30 MM**

## 04 PROPERTIES

| | |
|---|---|
| FDA compliant compound | **YES** |
| Oil resistant | NO |
| Fire resistant | NO |
| Antistatic | NO |
| Cross rigid | NO |
| Impression (textured) top | NO |

## 05 SPLICING & FASTENERS

| | |
|---|---|
| Splice process | **Finger** |
| Release foil | **Yes** |

## 06 APPLICATION

#108T features a PTFE sheet cover that has outstanding release characteristics. The belt is food approved and can be finger or skive spliced endless. Its most typical use is found in packaging and gluing operations where hot glue gets on the belt cover and is removed by the use of a rolling surface. Maximum manufacturing width is 1 meter!

**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. All values are nominal.

**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.