TECHNICAL DATA SHEET

# OKBE10282

2 Ply Solid Woven Cotton
FDA · 45 PIW

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Compound | White Cotton Fabric |
| | Surface | Untreated |
| | Colour | White |
| CARCASS | Fabric | Cotton |
| | Number of plies | 2 |
| | Cross rigid | No |
| BOTTOM | Compound | White Cotton Fabric |
| | Surface | Untreated |

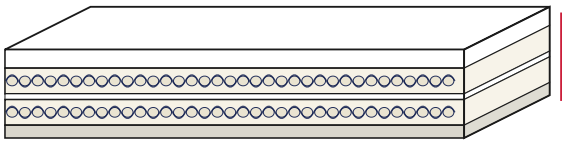
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Overall gauge | 3/32 | in. | *2.38* | *mm* |
| Unit weight | 0.0320 | lb/PIW | | |
| Tension rating | 45 | PIW | *7.9* | *N/mm* |
| Temperature – minimum [1] | –40 | °F | *–40* | *°C* |
| Temperature – maximum [1] | 225 | °F | *107* | *°C* |

## 03 MINIMUM PULLEY DIAMETER [2]

| | |
|---|---|
| Minimum pulley diameter | 1.50 in |





TOP COVER — white · untreated
2-PLY COTTON — cotton
BOTTOM COVER — untreated · drive side

CROSS-SECTION — NOT TO SCALE

GAUGE 3/32 IN. / 2.38 MM

## 04 PROPERTIES

| | |
|---|---|
| FDA compliant compound | YES |
| Oil resistant | NO |
| Fire resistant | NO |
| High heat | NO |
| Static conducting | NO |
| Cross rigid | NO |
| Impression (textured) top | NO |

## 05 SPLICING & FASTENERS

| | |
|---|---|
| Step splice | No |
| Finger splice | No |
| Wire hook lacing | #1 |
| Alligator lacing | #7 |

## 06 APPLICATION

Still a popular conveyor belting, particularly in the food and baking industries. Economical answer to many light and medium conveying needs, especially slider bed applications. The belt is firmly woven; non-rubberized. Number of stripes usually indicates the number of plies. Also can be used as an air-permeable fabric designed for pneumatic conveyors.

**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.