TECHNICAL DATA SHEET

# OKBE49910

2 Ply Poly CR57 Royal Blue PVC RT x Bare AS FDA
FDA

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

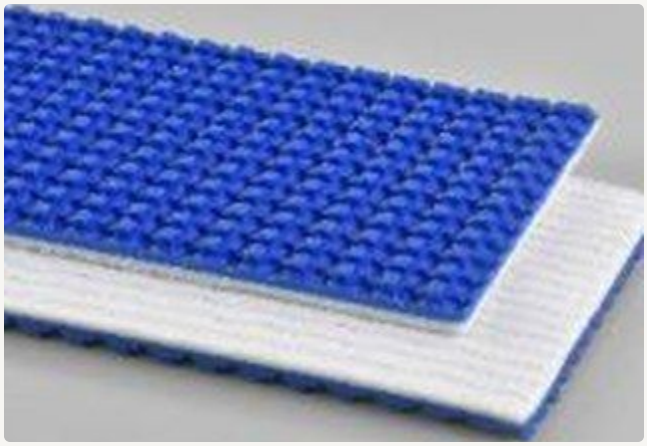
| | | | | |
|---|---|---|---|---|
| TOP COVER | Compound | | | **Blue PVC** |
| | Thickness | **0.1260** | in. | *3.20* *mm* |
| | Surface | | | **Roughtop** |
| | Hardness | | | **45A Shore A** |
| CARCASS | Number of plies | | | **2** |
| | Skim between plies | | | **PVC** |
| | Cross rigid | | | **Yes** |
| BOTTOM | Compound | | | **PVC Impregnated Polyester** |
| | Surface | | | **PVC Impregnated** |

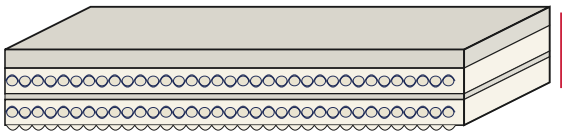
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Overall gauge | **0.1850** | in. | *4.70* | *mm* |
| Unit weight | **0.0632** | lb/PIW | | |
| Pull for 1% elongation | **57** | lbs/in. | *10* | *N/mm* |
| Temperature – minimum [1] | **0** | °F | *–18* | *°C* |
| Temperature – maximum [1] | **160** | °F | *71* | *°C* |
| Max. production width | **78** | in. | *1981* | *mm* |

## 03 MINIMUM PULLEY DIAMETER [2]

| | | | | |
|---|---|---|---|---|
| ■ Normal flex | **1.9685** | in. | *50.00* | *mm* |
| ■ Back flex | **3.9370** | in. | *100.00* | *mm* |






CROSS-SECTION – NOT TO SCALE

**GAUGE 0.1850 IN. / 4.70 MM**

## 04 PROPERTIES

| | |
|---|---|
| FDA compliant compound | YES |
| Antistatic | YES |
| Cross rigid | YES |
| Impression (textured) top | YES |

## 05 SPLICING & FASTENERS

| | |
|---|---|
| Splice process | **Double Finger** |

**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.