TECHNICAL DATA SHEET

# OKBE2LRWAF905SQPRFR335

PVC conveyor belt · Black square pattern · 2.4 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

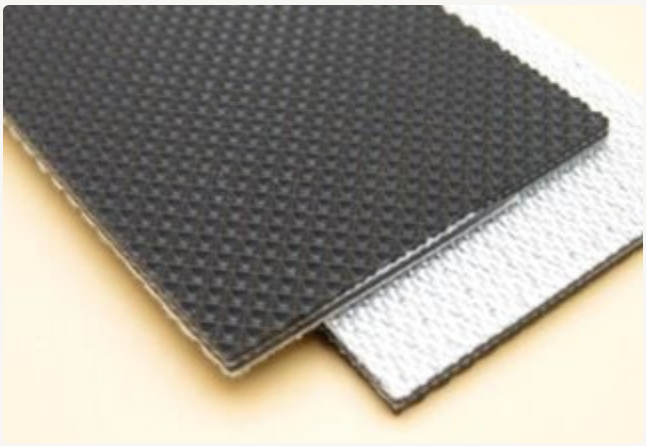
| | | |
|---|---|---|
| TOP COVER | Material | **PVC 35 Shore A (0.50mm)** |
| | Surface | **Square pattern** |
| | Colour | **Black** |
| CARCASS | Fabric | **Polyester Fabric** |
| | Number of plies | **2ply** |
| BOTTOM | Material | **Polyester** |
| | Surface | **Rigid, Whisper, Antistatic fabric** |

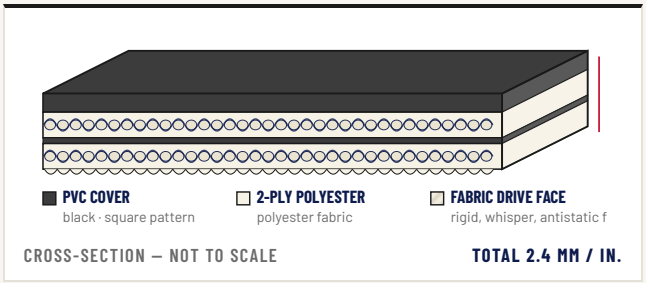
## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **2.4** | mm | *0.094* | *in.* |
| Weight | | | **2.5 kg/m²** | |
| Load at 1% elongation | **8.0** | N/mm | *45.7* | *lbs/in.* |
| Elongation | | | **Standard 0.5%, max. 1.0%** | |
| Temperature – minimum (1) | **–5** | °C | *23* | *°F* |
| Temperature – maximum (1) | **70** | °C | *158* | *°F* |
| Max. production width | **3000** | mm | *118* | *in.* |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **40** | mm | *1.57* | *in.* |
| ■ Back-flex (counter-bending) pulley | **60** | mm | *2.36* | *in.* |






CROSS-SECTION – NOT TO SCALE — **TOTAL 2.4 MM / IN.**

## 04 PROPERTIES

| | |
|---|---|
| Antistatic | **YES** |
| Flame retardant | **YES** |

## 05 APPLICATION

Tensile strength 140 N/mm. Max. allowable tension 8.0 N/mm. Elongation at break 15 %. Max. length 100m. Splice: Finger. Features: Flame Retardant. Typical uses: Internal transport, post offices and distribution centers; General purpose conveying; Luggage handling in airports and passenger terminals.

**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.