TECHNICAL DATA SHEET

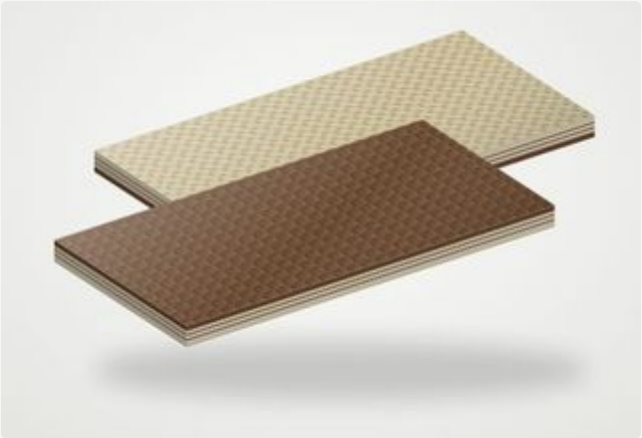
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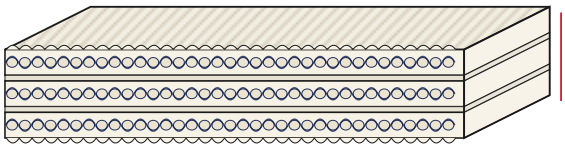
3-ply nitrile butadiene rubber, carboxylated conveyor belt · Brown rough-top, fabric embossing · 7.49 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

## 01 CONSTRUCTION

| | | |
|---|---|---|
| TOP COVER | Material | **Nitrile butadiene rubber, carboxylated** |
| | Surface | **Rough-top, fabric embossing** |
| | Colour | **Brown** |
| CARCASS | Fabric | **Fabric of polyester filament warp and weft** |
| | Number of plies | **3** |
| BOTTOM | Material | **Resorcinol formaldehyde latex impregnation** |
| | Surface | **Fabric** |
| | Colour | **Brown** |






CROSS-SECTION — NOT TO SCALE

**TOTAL 7.49 MM / 0.295 IN.**

## 02 TECHNICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| Total thickness | **7.49** | mm | *0.295* | *in.* |
| Weight | | | | **1.5 lb/ft²** |
| Load at 1% elongation | **18.39** | N/mm | *105.0* | *lbs/in.* |
| Working tension | **240** | PIW | *42.0* | *N/mm* |
| Temperature — minimum (1) | **–29** | °C | *–20* | *°F* |
| Temperature — maximum (1) | **107** | °C | *225* | *°F* |
| Max. production width | **1829** | mm | *72* | *in.* |
| Coefficient of friction | | | | **Drive side 0.3** |
| Lateral stiffness | | | | **Laterally stiff** |
| Running noise | | | | **Normal** |

## 03 MINIMUM PULLEY DIAMETER (2)

| | | | | |
|---|---|---|---|---|
| ■ Minimum pulley / nose bar | **152** | mm | *5.98* | *in.* |

## 04 PROPERTIES

| | |
|---|---|
| Troughed conveying | **YES** |
| Accumulation conveying | NO |
| Curved conveyor | NO |

## 05 APPLICATION

Automotive (Press-in-feed/inter-press conveyors); Building material industry (Brick conveying / Tiles conveying / Stone transport; Rock wool Conveying); General material handling (Inclined conveying of unit goods / containers in wet sectors; Waste conveyor, recycling conveyor); Paper & corrugated cardboard industry (Paper rollsconveying); Wood industry (Board conveying)

**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.