



Type: U2-7Ai

Belt Applications

General conveying belt, In the food industries for unpacked products (bakeries, etc.)

Fabric

Number of plies : 1
Top Fabric : **Polyester monofilament, with lateral stability, antistatic**

Basic technical data

Total thickness : **1.5 mm** *0.059 in.*
Weight : **1.7 Kg/m²** *0.35 lbs./sq.ft*
Production width : **3200 mm** *126 in.*

Belt strength

Breaking strength : **140 N/mm** *798 lbs./in.*
Tension for 1% elongation : **12 N/mm** *68 lbs./in.*
Max. admissible belt tension : **17 N/mm** *79 lbs./in.*
which is equal to : **1.2 %**

Belt structure

Top Cover
- Thickness : **0.5 mm** *0.020 in.*
- Material : **PU**
- Hardness : **Shore A92**
- Color : **Petrol**
- Surface : **Smooth**
Bottom Cover
- Thickness : **0.1 mm** *0.004 in.*
- Material : **Fabric, impregnated PU**

Support

Roller : **Yes**
Slider bed : **Yes**
Troughed : **No**

Suggested joining methods

Joining method : **Finger joint**
Pressing Temperature
Top : **166±5° C** *331±5 °F*
Thermo-coupling : **162±5° C** *324±5 °F*
Bottom : **167±5° C** *333±5 °F*
Pressure : **2.0±0.2 bar**

Minimum roll diameter

Normal flexing : **20 mm** *0.79 in.*
Counter flexing : **30 mm** *1.18 in.*

Chemical resistance and other characteristics

- * Top cover permitted according to the FDA-prescriptions to paragraph 177.2600 for transport of all unpacked foodstuffs.
- * Good resistance to animal, mineral and vegetable oils and fats.
- * Temperature range of -20° C to +80° C. *-4 °F to 176 °F*