



**Type: P22-16/3RD**

**Belt Applications**

Inclined conveying belt

**Fabric**

Number of plies : 2  
 Top Fabric : **Polyester monofilament, with lateral stability**  
 Bottom Fabric : **Polyester monofilament, with lateral stability, low noise**

**Basic technical data**

Total thickness : **5.3 mm** *0.209 in.*  
 Weight : **4.4 Kg/m<sup>2</sup>** *0.90 lbs./sq.ft*  
 Production width : **2000 mm** *79 in.*

**Belt strength**

Breaking strength : **180 N/mm** *1026 lbs./in.*  
 Tension for 1% elongation : **10 N/mm** *57 lbs./in.*  
 Max. admissible belt tension : **18 N/mm** *103 lbs./in.*  
 which is equal to : **1.8 %**

**Belt structure**

Top Cover  
 - Thickness : **3.5 mm** *0.138 in.*  
 - Material : **PVC**  
 - Hardness : **Shore A35**  
 - Color : **Green**  
 - Surface : **Super grip**  
 Bottom Cover  
 - Thickness : **0 mm** *0.000 in.*  
 - Material : **Fabric**  
 - Surface : **Smooth**

**Support**

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

**Suggested joining methods**

Joining method : **Double-finger**  
 Pressing Temperature  
 Top : **182±5° C** *360±5 °F*  
 Thermo-coupling : **178±5° C** *352±5 °F*  
 Bottom : **183±5° C** *361±5 °F*  
 Pressure : **2.0±0.2 bar**

**Minimum roll diameter**

Normal flexing : **60 mm** *2.36 in.*  
 Counter flexing : **80 mm** *3.15 in.*

**Chemical resistance and other characteristics**

\* Temperature range of -20°C to +60° C *-4°F to 140°F*