



Type: P49-76/25

Belt Applications

Natural stone industry for polishing of surface and sides.

Fabric

Number of plies : **4**
 Top Fabric : **Polyester multifilament, heavy construction**
 Inner Fabric : **Polyester multifilament, heavy construction**
 Inner Fabric : **Polyester multifilament, heavy construction**
 Bottom Fabric : **Polyester multifilament, heavy construction**

Basic technical data

Total thickness : **8.9 mm 0.350 in.**
 Weight : **10.1 Kg/m² 2.06 lbs./sq.ft**
 Production width : **2000 mm 79 in.**

Belt structure

Top Cover
 - Thickness : **2.0 mm 0.079 in**
 - Material : **PVC**
 - Hardness : **75 Shore A**
 - Color : **Petrol**
 - Surface : **Low grip**
 Bottom Cover
 - Thickness : **0.2 mm 0.008 in**
 - Material : **Impregnated fabric**
 - Surface : **Smooth**

Belt strength

Breaking strength : **1000 N/mm 5700 lbs./in.**
 Tension for 1% elongation : **70 N/mm 399 lbs./in.**
 Max. admissible belt tension : **100 N/mm 570 lbs./in.**
 which is equal to : **1.5 %**

Support

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

Suggested joining methods

Joining method : **long skived stepped joint (45°)**
 Pressing Temperature
 Top : **185±5° C 365±5 °F**
 Thermo-coupling : **180±5° C 356±5 °F**
 Bottom : **186±5° C 367±5 °F**
 Pressure : **2.0±0.2 bar**

Minimum roll diameter

Normal flexing : **450 mm 17.72 in.**
 Counter flexing : **500 mm 21.65 in.**

Chemical resistance and other characteristics

* Temperature range of -15°C to +80° C *5°F to 180°F*