



IPG # 4427-00

Thin Gauge Polyester Film / Rope Fiber Electrical Tape

Product Description: Thin (0.5 mil) flexible polyester film backing with a highly aggressive rubber adhesive provides an economical approach in a variety of uses. Also a rubber thermosetting adhesive system gives the 4427 excellent solvent resistance.

Applications: Slot edging, lead anchoring, coil wrapping, harnessing, inter-phase /interlayer insulation.

Technical Data:

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| Backing : | Polyester Film/ Rope Fiber | Color: | Natural |
| Backing Thickness: | 3.5 mil (0.089 mm) | Adhesive: | Rubber Thermosetting |
| Total Thickness: | 5.5 mil (0.140 mm) | Dielectric Strength: | 4500 Volts |
| Temp./ Class: | 130°C / B | Insulation Resistance: | 10⁴ megohms |
| Tensile Strength: | 40 lbs/in (175 N/25mm) | Adhesion to Steel: | 60 oz/in (16.5 N/25mm) |
| Elongation: | 2% | Storage Stability: | Very Good |
| Electrolytic Corrosion | Direct 1.0/ A , 1* | Solvent Resistance: | Very Good |
| Flammability | BU 3* | Moisture Resistance: | Excellent |
| UL File # | E20780 | CSA File # | LR94980 |

*VDE 0340

Figures shown are averages and should not be used for writing specifications. Similar test conducted on any individual sample may vary in results. Tests are conducted in accordance with ASTM D1000 where applicable.

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PRODUCT DATA SHEET