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PPI – PRODUCT INFORMATION

PPI 8415-R GLASSCLOTH ELECTRICAL TAPE WITH THERMOSETTING POLYSILOXANE ADHESIVE HEAT CLASS H

DESCRIPTION:

PPI 8415-R IS A TEAR AND ABRASION RESISTANT TAPE WITH VERY HIGH TEMPERATURE RESISTANCE.

APPLICATIONS:

- HOLDING AND GENERAL INSULATION OF COILS AND TRANSFORMERS.
- CABLE HARNESSING AT HIGH TEMPERATURES.
- INTERPHASE INSULATION.
- HEAVY COIL BANDING.
- SLOT EDGE REINFORCEMENT.

| PHYSICAL PROPERTIES | EN VALUE* | ASTM VALUE** | TEST METHOD |
|---|---|----------------------|-------------|
| SUPPORTING BASE: | TIGHT WEAVE GLASSCLOTH | | |
| BASE THICKNESS: | 0.120 MM | 4.7 MIL | |
| TOTAL THICKNESS: | 0.180 MM | 7.1 MIL | |
| ADHESIVE: | POLYSILOXANE THERMOSETTING | | |
| ADHESIVE STRENGTH: | 4.0 N/CM | 36 OZ/INCH | |
| ULTIMATE ELONGATION: | 10.0 % | 10.0 % | |
| TENSILE STRENGTH: | 250.0 N/CM | 140 LBS/INCH | |
| DIELECTRIC STRENGTH: | 2500 VOLTS | 2500 VOLTS | |
| ELECTROLYTIC CORROSION FACTOR: A 1.0 A 1.0 | | | |
| COMBUSTIBILITY: | BU 1 | BU 1 | |
| ADHESIVE COATING: | SINGLE-FACED | | |
| COLOUR: | WHITE | | |
| HEAT CLASS: | H (TEMPERATURE RANGE UP TO 180 ^O C) | | |
| TEMPERATURE RANGE: | - 80 ⁰ C TO 180 ⁰ C | | |
| RECOMMENDED CURING CYCLE: | 1 HOUR AT 150 ^O C OR 2 HOURS AT 130 ^O C | | |
| LENGTH OF ROLL: | 33.0 M 66.0 M | 36 YARDS 72 YARDS | |
| MEETS FLAME RETARDANCY REQUIREMENTS OF UL510. | | | |
| * EN 60454 | | | |

** ASTM D-1000

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