



Anti Corona Tapes/ Non Woven Conductive Fleece Tape



VID-ANTICOR
3.85/5.110

Usage

- Applicable in electrical machines
- Transformers
- High voltage electrical devices
- Inner and outer corona protection tape- coil and bars using VPI and Resin Rich Technology.

Description

VID Anticor Conductive Tapes 3.85 and 5.110 are the Electrical Insulation Compound categorized in the class F insulation for VPI and Resin Rich Technology. This safety product is coupled with features such as, flexible, smooth, wrinkle free with neat edges and fully cured. We manufacture it using specially made varnish with graphite and carbon particles. During the process, the conductive varnish is saturated on both the sides of the non woven textile substrates. There is no contamination due to seepage of conductive particles in the saturating tank during the VPI-Process. By the diffusion of corona current generated in the coil, its lower and uniform resistance buoys up the life of electrical machines.



Properties

| Physical Properties | Unit | Values 3.85 | | Values 5.110 | | Test Method |
|---------------------|---------|-------------|-------|--------------|------|-------------|
| | | Min | Max | Min | Max | |
| Thickness | mm | 0.083 | 0.087 | 0.10 | 0.13 | IEC 60394-2 |
| Total Substance | g/sqm | 68 | 92 | 95 | 115 | IEC 60394-2 |
| Non Woven Fleece | g/sqm | 55 | 65 | | | IEC 60394-2 |
| Elongation | % | 8 | | 15 | | IEC 60394-2 |
| Tensile Strength | N/cm | > 30 | | > 50 | | IEC 60394-2 |
| Surface Resistance | Ohms-sq | 40 | 400 | 200 | 1000 | IS 5351 |
| Thermal Class | °C | 155 | | 155 | | IEC 60394-2 |

Availability

Tape Form: 10mm Up

Roll Length: 50 Mtrs -100 Mtrs

Core ID: It covers the range for manual & machine taping.

Storage

VID Anticor Conductive Tapes 3.85 & 5.110 should be stored in cool, clean and dry condition.

Shelf Life

Unlimited at normal temperature.

Health And Safety

VID Anticor Conductive Tapes 3.85 and 5.110 is non toxic. All hygiene and safety standards should be followed.

Disclaimer

All information, recommendations and test data herein are offered only as a guide. We believe them to be accurate but do not guarantee results, freedom from patent infringement, suitability of this product for any resultant application