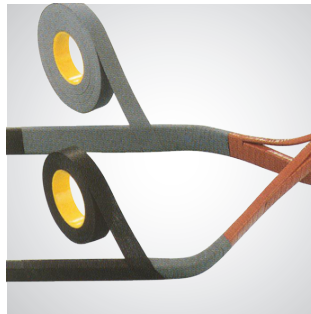
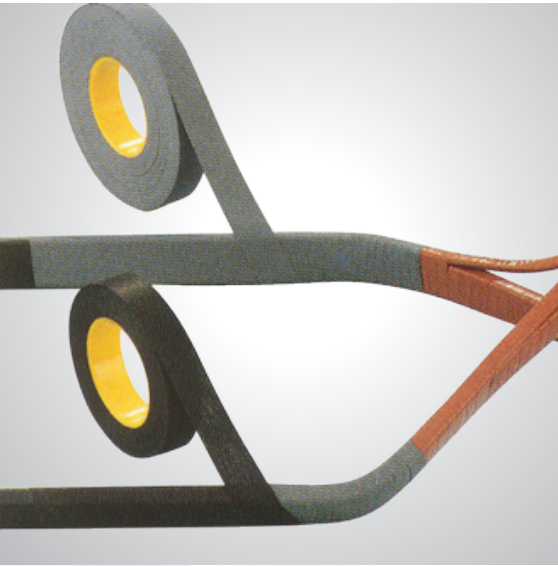




Stress Grading Semi Conductive Tape



VIDSTRESS STRESS GRADING TAPE 8.300/10.350

Features

- Good Flexibility
- Stress Grading Properties
- Impregnated on Polyester Fabric
- Suitable for Vpi Insulation System
- For End Corona Protection (Stress Grading)

Description

Vidstress 8.300 And 10.350 semi conductive tape consists of finely woven polyester glass fabric impregnated evenly with an electrically semi conductive varnish containing silicon carbide, cured at B stage.

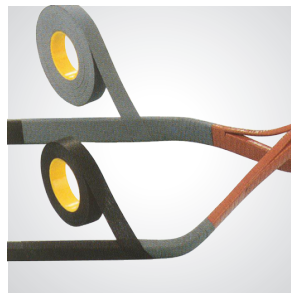
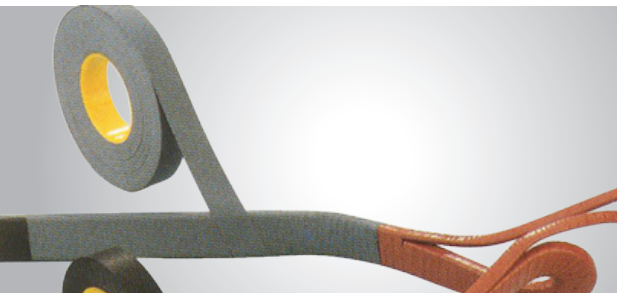
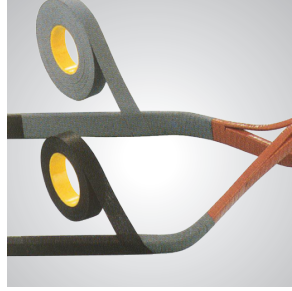
The inclusion of silicon carbide gives defined resistance properties depending upon the applied voltage. It can be used for temperatures upto 155 degree centigrade as class F insulation suitable for VPI and Resin Rich processed machine.

The tape can be supplied with or without selvage.

Application

Vidress semiconductive Tape 8.300 and 10.350 can be applied together with conductive non woven fleece tape 3.85 or 5.110 as stress grading tape for the overhang and main wall insulation of high voltage electrical coils and bars using VPI and Resin Rich Technology below and above 13Kv.

The I-U property graph shows the value of the coils after applying the above tapes in combination.



Properties

Physical Properties	Unit	No 8.300 Values	No.10.350 Values	Test Method
Thickness Nominal	mm	0.20+/-0.05	0.25+/-0.05	IEC 60371-2
Total Weight	g/sqm	300 +/-50	350 +/-50	IEC 60371-2
Tensile Strength	N/cm	≥60	≥60	IEC 60371-2
Elongation	%	≥8	≥8	IEC 60371-2
Shrinkage at 150 degree C for 1 hr	%	≥5	≥5	

Availability

Roll Width: From 15mm to 1000mm +/-0.5mm
Roll Length: Min 100 Mtrs

Storage

Scft 8.300 and 10.350 should be stored in cool, clean and dry condition.

Shelf Life

At Standard Temp of 20+/-5 Degree C : 6 Months
At Refrigerated Storage of 5 Degree C : 12 Months

Health And Safety

Vidress semiconductive Tape 8.300 and 10.350 is no 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