

Thermosetting Silicone Adhesive Fiberglass Tape



G565

IPG4618

3M69

Colour of tapes may look different because they were taken at different environments. All should look the same physically.



Overview

Products G565, IPG4618 and 3M69 are all white woven fiberglass cloth coated with a high temperature pressure sensitive thermosetting silicone adhesive. While the woven fiberglass cloth substrate may come from the same manufacturers and adhesive coated at respective plants. All these tapes are designed to operate in 600 volt dry location applications motors, and transformer with and without varnish coating. Key attributes like high mechanical strength and resistance to high temperatures providing excellent performance. The woven fiberglass cloth are specially treated and prepared to provide corrosion free protection. The glass cloth will not shrink, rot or burn and has a high tensile strength, is printable and excellent solvent resistance.

Applications

- Insulating electric and induction type furnace power supply leads
- Securing systems requiring high mechanical strength and resistance to high temperatures
- Splicing wire SF and SFF rated 150°C and 180°C
- Insulating motor lead connectors, switcher and controls for furnaces and ovens
- Insulation coli outer wrap
- Provides heat stable insulation for hot spot application
- Bundling heavy gauge wire

Typical Data of Respective Manufacturer

Property	Unit	G565	IPG4618	3M69
Colour	Visual	White	White & Black	White
Adhesive Type	-	Thermosetting Silicone	Thermosetting Silicone	Thermosetting Silicone
Backing Thickness	mm	0.114	0.114	0.125
Adhesive Thickness	mm	0.064	0.064	0.052
Total Thickness	mm	0.178	0.178	0.177
Adhesion Strength	g/cm	551	551	331
Elongation At Break	%	5	3	5
Operating Temperature	°C	150	155	150
Insulation Class	°C	200	200	200
Dielectric Strength	Volt	3,500	2,500	3,000
Electrolytic Corrosion Factor	-	1	1	0.9
Breaking Strength	kg/cm	28.6	33.4	28.6
Continuous Operating Temperature	°C	-18 to 177	-18 to 177	-18 to 177
Specifications	-	CSA, MIL-I-15126-GFT, U.L.	CSA, MIL-T-4053B, U.L., VDE	CSA, MIL-I-19166C, U.L.
Roll length	metre	33	33	33
Width	mm	6 to 609	6 to 609	6 to 609
Data provided should not be used to write specifications				
All 3 products are available ex-stock subject to prior sales				