

Mica Tapes

VIDMICA FLEXI GLAS

VMFG 5.168

Features

- Excellent flexibility
- No mechanical damage
- High electrical properties
- High mechanical strength.
- Reinforced with glass yarn polyester film on both sides easy handling and working

Description

Vidmica flexiglas no vmfg 5.168 is made using calcined muscovite mica paper, e class glass fiberyarn placed. Unidir ectional and laminated on both side with polyester film and bonded together with specially formulated epoxy resin. It can used upto temp 155 C for class F insulation

Application

Vidmica flexiglas no vmfg 5.168 is mainly applied to small bends for the insulation Of Overhangs,Turn Insulation Of Ac stator Winding circle and flexible High Voltage machine where slot has been insulated with Resin Rich Mica tapes upto 13.8 Kv. This can also be applied as pressure safety tape for generator Insulation.

Properties

Physical Properties	Unit	Values
Thickness	mm	0.125 +/- 0.02
total weight	gsm	168 +/- 22
Dielectrical strength	kv	6
Composition		
Mica paper	gsm	75 +/- 8
Polyster film 2layer	gsm	32 +/- 3
Binder content	gsm	43 +/- 4
Glass yarn	gsm	18 +/- 2
Thermal Class	°C	155

Test Method

IEC 60085

Availability

Roll width from 10mm to 1000mm
 Roll Length 50mtrs
 Cardboard Spools I.D. 75mm +/- 1mm

Storage

Vidmica flexi glas no vmfg 5.168 should be kept in dust free space under cool condition.

At 20°C : 6 months
 At 5°C : 12 months

Shelf Life

One Year from the date of manufacturing.

Health And Safety

All hygiene and safety standards should be followed while using.

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