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. Unidirectional 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

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>Unit</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>mm</td>
<td>0.125 +/- 0.02</td>
</tr>
<tr>
<td>total weight</td>
<td>gsm</td>
<td>168 +/- 22</td>
</tr>
<tr>
<td>Dielectrical strength</td>
<td>kv</td>
<td>6</td>
</tr>
</tbody>
</table>

Composition

- Mica paper: gsm 75 +/- 8
- Polyester film 2 layer: 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.