

TECHNICAL DATASHEET

Mica Tape for Conductor

VIDMICA FOL
(with one side adhesive)
No.4.147

Description

Vidmicafol 4.147 is Epoxy bonded calcined mica paper tape /folium both side covered with polyester film with one side additionally coated with special adhesive. It can be used upto temp 155 Degree C for Class F Insulation.

Features

- Good Flexibility
- High Electrical Properties
- Thick PET film improves bonding
- Suitable for VPI And Resin Rich Insulation

Application

Vidmicafol 4.147 finds its application for insulating individual conductors in high voltage and low voltage machines using Vpi and resin rich insulation system.

Properties

Properties	Unit	Values	Test Method
Thickness Nominal	mm	0.10+/-0.02	IEC 60371-2
Total Weight	g/sqm	147+/-14	IEC 60371-2
Vidmica	g/sqm	75+/-5	IEC 60371-2
Polyster Film	g/sqm	42+/-4	IEC 60371-2
Polyster Film	g/sqm	14+/-2	IEC 60371-2
Resin Content	g/sqm	16+/-3	IEC 60371-2
Volatile Content	%	0.8	IEC 60371-2
Tensile Strength	N/cm	>/40	IEC 60371-2
Stiffness	N/m	40	IEC 60371-2
Breakdown Voltage	Kv/layer	>/ 7	

Availability

Roll Width: 12mm and 15mm +/-0.5mm
Roll Length: 500, 400 and 200 mtrs
Spool ID: 76mm

The rolls are sealed in polythene bags and packed in polystyrene boxes

Storage

Vidmicafol 4.147 must be exposed to the ambient temperature (outside the polystyrene packing) for at least 6 months prior to use. Otherwise water condensation can accumulate on the material resulting in unsatisfactory insulation.

Shelf Life

At Standard Temp of 23+/-5 Degree C : 12 Months
At Refrigerated Storage of 5 Degree C : 18 Months

Work Hygiene

While using Vidmicafol we recommend following the necessary Health and Safety Standards.

DISCLAIMER

All informations, 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