Electrical Insulation & Conductors

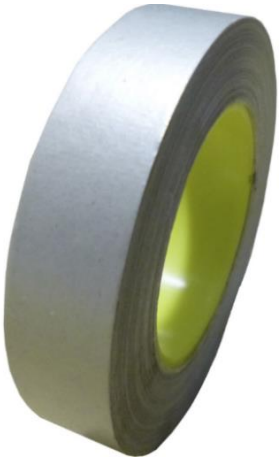
Feinmicaglas 2596 End Winding Insulation Tape

Feinmicaglas 2596 End Winding Insulation Tape is manufactured from a combination of high quality mica paper combined with a finely woven glass cloth carrier and a flexible synthetic resin binder. The resin has been modified to provide increased flexibility so the tape can be firmly applied to tight bends and complex shapes. Conductors and end windings insulated with this material can be shaped and formed afterwards without causing mechanical damage to the tape.
Feinmicaglas 2596 Insulation Tape is commonly used for the insulation of single conductors, armature conductors, and overhangs of traction motors and DC machines. It's also used for end winding insulation of high voltage electric motors and generators.

Technical Data:

Property:	Value:	Value:	Test Method:
Nominal Thickness	0.08 ± 0.01mm	0.11 ± 0.02mm	---
Total Substance	95 ± 9 g/m²	138 ± 9 g/m²	IEC 60371-2
Glass Content	24 ± 1 g/m²	33 ± 3 g/m²	IEC 60371-2
Mica Paper	50 ± 5 g/m²	75 ± 8 g/m²	IEC 60371-2
Resin Content	21 ± 3 g/m²	30 ± 3 g/m²	IEC 60371-2
Tensile Strength	³ 80 N/cm	³ 150 N/cm	IEC 60371-2
Break-Down Voltage	³ 1.5 kV	³ 2.0 kV	IEC 60243-1
Thermal Class Rating	Class F, 155ºC	Class F, 155ºC	IEC 60216-2

Availability:
Feinmicaglas 2596 Tape is available in 50m long rolls, 0.08mm and 0.11mm thicknesses. Standard widths of 15mm, 20mm and 25mm and custom widths can be slit off a 1000mm wide log roll. Minimum shelf life of 6 months if stored at 20ºC and 12 months at 5ºC.



Associated Gaskets also stock a large range of thermal insulation, sealing materials and specialised electrical products. For more information on these products and many more, please visit our website, or call your nearest AG branch.

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Important
This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.