



Electrical Tape 1093

Polyimide Film Tape With Thermosetting Silicone Pressure-Sensitive Adhesive



Data Sheet

Product Description

3M™ Electrical Tape 1093 is a 1-mil polyimide film backing with silicone thermosetting pressure-sensitive adhesive.

- High temperature applications to 180°C
- High puncture resistance
- Conformable
- High Dielectric Breakdown
- UL510 Flame Retarded

Applications

3M Electrical Tape 1093 is especially suited to high temperature masking applications and DC/fractional motor applications.

UL Component Recognition

UL Recognized for use at temperatures not exceeding 180°C. UL File Number E17385, Guide OANZ2. Underwriters Laboratories (UL) Recognized products are evaluated for use as components of end-product equipment that is Listed or Classified by UL. To achieve Underwriters Laboratories Recognition, component construction must meet UL specifications and conditions of acceptability for proper and safe use of the component or products.

Typical Properties	Typical Values
Adhesive	Silicone Thermosetting
Backing	Polyimide film
Backing Thickness ¹	1.0 mil (0.025mm)
Total Thickness ¹	2.5 mils (0.063mm)
UL510 Flame Retarded ²	Yes
Temperature Class	180°C
Dielectric Breakdown ¹	7,500 Volts
Breaking Strength ¹	35 lbs./in (62N/10mm)
Elongation ¹ (% at break)	50%
Adhesion to Steel ¹	20 oz/in (2.2N/10mm)

Note: *Typical properties are not recommended for specification purposes. Product specifications will be provided upon request.*

Footnote: ¹ Test Method ASTM D1000

² UL recognized for flame retardancy per UL510

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Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Распределительные склады, находящиеся в России, Европе и в Китае, позволяют нам оперативно поставить необходимые компоненты в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям ISO 9001:2011

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