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### **3M™ no. 92**

3M™ electrical insulating tape no. 92 consists of a polyimide film as a backing with a thermosetting silicone adhesive.

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### **Attributes**

Universal use for insulation under particularly high thermal stress. Printable. Flame-retardant to UL 510.

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### **Application**

For the electrical insulation of coils, capacitors and bundles of cables subject to high temperatures. Also particularly suitable for masking contacts when soldering PCBs (gold contacts).

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### **Delivery forms**

- Width: from 2.5 mm, in 0.1 mm increments
- Standard lengths: 33 m rolls
- Core diameter: 76 mm (3")
- Special widths on request

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### **Glue**

Silicone

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### **Adhesive**

one-sided

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### **Storage**

Adhesive tapes should always be stored in a cool, dry place at approx. 20 °C and 50-60 % relative humidity. The storage period should not exceed 6 months.

| General                          | Unit of measure |                               |
|----------------------------------|-----------------|-------------------------------|
| Flame retardant                  |                 | UL 510                        |
| Thermal class                    |                 | 180 °C/ H                     |
| Dielectric strength              | kV              | 7.5                           |
| Adhesiveness / Adhesion to steel | N/cm            | 2.8                           |
| Elongation at break              | %               | 55                            |
| Tensile strength                 | N/cm            | 53                            |
| Total thickness                  | mm              | 0.076                         |
| Adhesive                         |                 | Silicone                      |
| Backing thickness                | mm              | 0.025                         |
| Backing                          |                 | Polyimide                     |
| Type/ Ordering information       |                 | 3M™ electro-insulating no. 92 |
| Standard colours                 |                 | amber                         |

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