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### **3M™ no. 1181**

3M™ screening tape No. 1181 consists of a smooth copper film backing with a conductive acrylate adhesive.

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#### **Attributes**

The tape is flame retardant according to UL 510 and resistant to solvents.

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#### **Application**

For discharging static electricity and screening of electro-magnetic fields.

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#### **Delivery forms**

- width: From 2.5 mm, in 0.1 mm increments
- standard length: 16.5 m
- core diameter: 76 mm (3")
- special widths on request

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#### **Glue**

Acrylate

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#### **Adhesive**

one-sided

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#### **Storage**

6 months at room temperature. Adhesive tapes should 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                       |
| Adhesiveness / Adhesion to steel | N/cm            | 3.8                          |
| Tensile strength                 | N/cm            | 44                           |
| Backing thickness                | mm              | 0.04                         |
| Adhesive                         |                 | Conductive acrylate adhesive |
| Total thickness                  | mm              | 0.066                        |
| Backing                          |                 | Copper film                  |
| Standard colours                 |                 | Copper                       |
| Type/ Ordering information       |                 | 3M™ Screeping tape No. 1181  |

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.

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