



3M Scotch™ 1183 screening tape ensure exceptional screening of electromagnetic fields, UL approved.



## Product description

### Application range

- Electromagnetic field screening
- Electrostatic discharge

### Benefits

- Electrically-conductive strip provides exceptional screening of electromagnetic fields
- Uniform foil composition and its good conductivity to the substrate ensures low contact resistance, which is crucial for the degree of screening
- Solderable and corrosion-resistant
- Acrylic adhesive that is resistant to solvents

### Norm references / Approvals

- UL 510 approved
- UL File Number: E17385

## Product features

- Copper foil is plated with a thin layer of tin
- Tin-plating is compatible with a wide range of base materials such as aluminium, lead and tin alloys, and galvanised steels

## Technical Data

Caution	Adhesion (stripping force) : 3.8 N/10 mm
	Tear strength: 44 N/10 mm
Note	Contact resistance (in acc. with MIL-STD-202): 0.005 ohms
Info	Storage: good stability when stored in a cool and dry location (room temperature and approx. 50% relative humidity)
Colour delivered	Silver grey (RAL 7001)
Material	Smooth tin-plated copper film as a lining with a conductive acrylic adhesive
Temperature range	-10 °C to +80 °C