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|---------------------------|-------------------------------------------|
| 61721420                  | <b>DATA SHEET</b>                         |
| Valid from:<br>09.11.2018 | <b>3M Scotch™ 1183 EMC Screening tape</b> |

This electrically conductive strip provides exceptional screening of electromagnetic fields. The uniform foil composition and the good conductivity to the substrate assure low contact resistance, which is decisive for the degree of screening.

This copper foil is plated with a thin layer of tin. This provides very good soldering characteristics and resistance to corrosion and oxidation. The tin plating employed is compatible with a wide range of base materials such as aluminum, lead and thin alloys, and galvanized steels



|                           |                                                                                                            |            |
|---------------------------|------------------------------------------------------------------------------------------------------------|------------|
| <b>Application:</b>       | Discharge static charge<br>Electro-magnetic field screening                                                |            |
| <b>Material:</b>          | smooth tinned copper film as lining with<br>conducting acrylic adhesive                                    |            |
| <b>Advantage:</b>         | Acrylic adhesive resistant against solvents<br>solder able and corrosion resistant                         |            |
| <b>Technical feature:</b> | Tear strength                                                                                              | 44N/10mm   |
|                           | Contact resistance<br>(in acc. to MIL-STD-202)                                                             | 0.005 Ohm  |
|                           | Adhesion<br>(stripping force)                                                                              | 3.8 N/10mm |
|                           |                                                                                                            |            |
| <b>Colour:</b>            | silver grey RAL 7001                                                                                       |            |
| <b>Storage:</b>           | Good stability when stored in a cool, dry location<br>(Room temperature and approx. 50% relative humidity) |            |
| <b>Delivery:</b>          | Standard-type 9, 12, 19, 25 mm x 16.5 m                                                                    |            |