

61721420	<b>DATA SHEET</b>
Valid from: 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 Electro-magnetic field screening						
<b>Material:</b>	smooth tinned copper film as lining with conducting acrylic adhesive						
<b>Advantage:</b>	Acrylic adhesive resistant against solvents solder able and corrosion resistant						
<b>Technical feature:</b>	<table> <tr> <td data-bbox="542 952 909 981">Tear strength</td> <td data-bbox="909 952 1144 981">44N/10mm</td> </tr> <tr> <td data-bbox="542 981 909 1046">Contact resistance (in acc, to MIL-STD-202)</td> <td data-bbox="909 981 1144 1046">0.005 Ohm</td> </tr> <tr> <td data-bbox="542 1046 909 1106">Adhesion (stripping force)</td> <td data-bbox="909 1046 1144 1106">3.8 N/10mm</td> </tr> </table>	Tear strength	44N/10mm	Contact resistance (in acc, to MIL-STD-202)	0.005 Ohm	Adhesion (stripping force)	3.8 N/10mm
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Adhesion (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 (Room temperature and approx. 50% relative humidity)						
<b>Delivery:</b>	Standard-type 9, 12, 19, 25 mm x 16.5 m						