

U.I. Lapp GmbH	PRODUCT INFORMATION	
	3M Scotch™ 1183 screening tape	07.11.2014

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



Flame-retardant



Interference signals



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

Remark

Scotch™ 1183 is a registered trademark of 3M. Photographs are not to scale and do not represent detailed images of the respective products.

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

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Part number	Article designation	Width (mm)	PU (m)
61721420	3M Scotch™ 1183 / 9x16,5	9	16.5
61721421	3M Scotch™ 1183 / 12x16,5	12	16.5
61721422	3M Scotch™ 1183 / 19x16,5	19	16.5
61721423	3M Scotch™ 1183 / 25x16,5	25	16.5

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