

61721420	DATA SHEET
Valid from: 10.09.2025	3M 1183 EMC shielding tape

This electrical conductive tape provides excellent shielding of electromagnetic fields. The homogeneous nature of the foil and the good conductivity to the substrate ensure a low contact resistance, which is decisive for the degree of shielding attenuation. This copper foil is coated with a thin layer of tin. This provides very good solderability and resistance to corrosion and oxidation. The tin coating used is compatible with a wide range of base materials such as aluminum, lead and tin alloys and galvanized steels.



Application

Dissipation of static charge
 Shielding of electromagnetic fields
 For installations up to 600 V

Material:

Tinned copper foil with conductive acrylic adhesive

Technical features:

Widths 12 up to 25 mm
 Total thickness of the tape 0.066 mm
 Temperature range -40 °C up to +130 °C

Further features:

Shielding attenuation 300 kHz - 2.5 GHz /68db
 Resistance 0.005 Ω/in²
 Tensile strength 44 N/cm
 Flame retardant

Approbation:



Storage:

5 years (from date of manufacture)
 10- up to 27°C at <75% rel. humidity

Dimension table:

Article no.	Width mm	Length mm
61721420	9	16,5
61721421	12	16,5
61721422	19	16,5
61741423	25	16,5

Commodity product, not a Lapp product.

Please refer to our current catalogue for further details.
 Our laboratory will be happy to advise you on questions of resistance to aggressive media or certain oils.