

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/in ²
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.

Document: DB61721420EN Version: 03	Page 1 from 1
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