

EMI Shielding Tapes Kit

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Chomerics' EMI Shielding Tapes Kit is a benchtop box containing six 1 inch x 36 yard (2.54 cm x 32.9 m) rolls of conductive foil and fabric tapes. It is designed to provide a wide range of price, performance and application options in a single, easy-to-use package.

The Kit includes copper, aluminum and tin-plated copper CHO-FOIL[®] shielding tapes. Their conductive pressure-sensitive adhesive provides very low electrical resistance through the tape, resulting in higher shielding performance than typical metal foil tapes. Both embossed and smooth versions are included.

CHO-FAB[™] shielding tape, also included in the benchtop kit, consists of a corrosion resistant, nickel-plated fabric with a highly conductive pressure-sensitive adhesive. CHO-FAB tape is lightweight and flexible, which makes it ideal as an EMI shield to wrap over cables. The Chomerics EMI Shielding Tapes Kit provides a convenient resource for EMI measurement trouble-shooting, cable shielding and any other application where on-the-spot solutions are needed. It comes with a pair of 3 inch (7.62 cm) metal blade Fiskars^{*} scissors.

* Fiskars, Inc., Wausau, WI.



Ordering Procedure

To place an order for the EMI Shielding Tapes Kit, contact your local Chomerics distributor and ask for:

Chomerics EMI Shielding Tapes Kit
Part Number: CHO-EMI-TAPE-BOX

For information on how to order individual rolls of the tapes contained in this kit, please refer to the preceding pages.

Table 1 Kit Contents

CHO-FOIL (CCJ-201)	CHO-FOIL (CCH-101)	CHO-FOIL (CAD-201)	CHO-FOIL (CCK-101)	CHO-FOIL (CCE-101)	CHO-FAB (CFT-101)
0.002 in. (0.051 mm) thick, electrical grade, dead-soft aluminum foil with electrically conductive acrylic adhesive	0.0014 in. (0.036 mm) thick, fully annealed copper foil with electrically conductive acrylic adhesive	0.002 in. (0.051 mm) thick, electrical grade, dead-soft aluminum foil with electrically conductive acrylic adhesive on both sides	0.0016 in. (0.041 mm) thick, tin-plated copper foil with electrically conductive acrylic adhesive	0.0014 in. (0.036 mm) thick, embossed, fully annealed copper foil with electrically conductive acrylic adhesive	0.005 in. (0.127 mm) thick, nickel-plated fabric with electrically conductive acrylic adhesive
0.0035 in. (0.089 mm) total thickness (excluding release liner)	0.0029 in. (0.074 mm) total thickness (excluding release liner)	0.005 in. (0.127 mm) total thickness (excluding release liner)	0.0031 in. (0.079 mm) total thickness (excluding release liner)	0.004 in. (0.102 mm) total thickness (excluding release liner)	0.0065 in. (0.165 mm) total thickness (excluding release liner)
<10 milliohms electrical through resistance (MIL-STD-202C)	<3 milliohms electrical through resistance (MIL-STD-202C)	<10 milliohms electrical through resistance (MIL-STD-202C)	<3 milliohms electrical through resistance (MIL-STD-202C)	<3 milliohms electrical through resistance (MIL-STD-202C)	<100 milliohms electrical through resistance (MIL-STD-202C)
>40 oz./in. (>0.44 kN/m) minimum adhesion	>40 oz./in. (>0.44 kN/m) minimum adhesion	>40 oz./in. (>0.44 kN/m) minimum adhesion	>40 oz./in. (>0.44 kN/m) minimum adhesion	>40 oz./in. (>0.44 kN/m) minimum adhesion	>40 oz./in. (>0.44 kN/m) minimum adhesion