



EMI-SHIELD AL2.5 EMI Foil Shielding (NO PSA)



EMI-SHIELD AL2.5 is a 0.0025" (2.5 mil) (0.0635mm) thick aluminum foil for use as an EMI/RFI shield against electromagnetic interference. The foils are easy to work with and offer good shielding effectiveness across a wide range of frequencies, shielding against unwanted signals in or out of rooms and buildings.

EMI-SHIELD AL2.5 may be used to form shielded enclosures of almost any size or shape, with primary use in construction with low-cost shielded rooms, shielded anechoic chambers and other shielded test rooms.

EMI-SHIELD AL2.5 is ONLY available as bare Aluminum, No PSA (Pressure Sensitive Adhesive) backing.

TYPICAL SHIELDING EFFECTIVENESS 2.5 mil (Insertion Loss per MIL STD 285)	
FREQUENCY	dB
100 KHz, Magnetic Field	≥ 10
1 MHz, Magnetic Field	≥ 20
10 KHz, Electric Field	≥ 60
100 KHz, Electrical Field	≥ 60
1 MHz, Electrical Field	≥ 65
100 MHz, Plane Wave	≥ 45
400 MHz, Plane Wave	≥ 40
10 GHz Plane Wave	≥ 40

EMI-SHIELD AL2.5 is applied like wallpaper, covering all surfaces: floor, walls and ceiling. Other than normal cleanliness, and dust free, no special preparation is required. The foil may be stapled or glued in-place (recommended).

E-SHIELD products should be overlapped by a minimum of 3" to avoid RF leakage. For maximum effectiveness, seams should be taped with 4" wide, electrically conductive adhesive tape.

ORDERING INFORMATION

EMI-SHIELD AL2.5 is available in standard width of 48" and length of 150 feet. Weight is 30 pounds per roll (gross). Other dimensions available by special order.



Wear correct gloves when installing the foil, the edge is like a razor blade