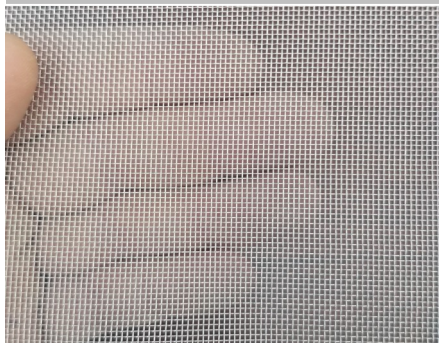


Signal Protect AM2 Aluminum Mesh — Radio Frequency/Microwave Shielding



RF Shielding Mesh - Aluminum was designed for new construction and renovations. It has excellent RF shielding qualities for analogue and pulsed digital signals from sources such as cell phones/cell phone towers, cordless telephones, wireless routers, television broadcasts, microwave ovens, smart meters, bluetooth devices, baby monitors, laptop computers, wireless security systems, radar, tablets and more... Also offers an effective barrier against Low Frequency AC Electric Fields when grounded. Layers can be added to increase shielding power

Features:

- Breathable, non corrosive and weather resistant
- Electrically conductive and Fire Resistant
- Excellent high frequency RF shielding characteristics
- Flexible, light weight and durable, non-toxic, Easy to Ground, Easy to install

Application:

- Inner wall shielding behind sheetrock or drywall
- Loosely laid in attic as ceiling shielding
- Installed underneath shingles as roof shielding
- Radio Frequency shielding house wrap for entire homes

Installation:

- Unroll on desired surface - overlap 4 - 6 inches for best results
- Staple or strap seams to secure
- Ground if required



Technical Data

Wire Diameter	0.010" or 0.27 mm
Weave Density	24 threads per square inch
Colour	Silver / Grey
Weight	3 kg / 6.6 Lbs per 100 sq ft
Available Roll Width	4 feet
Available Roll Length	25 feet, 100 feet
Wire Tensile Strength (before weaving)	48,000 Lbs. per sq inch
Bursting Strength (minimun average)	50 Lbs. per sq inch

Accessories

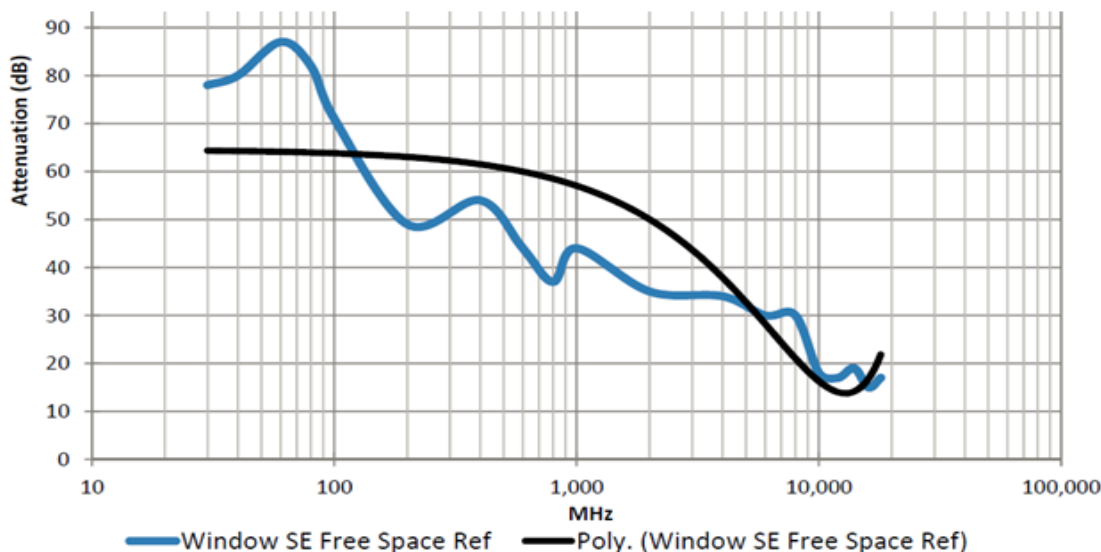


GS2/GS3 Interior Grounding Kit



GF4 Interior/Exterior Grounding Kit

Shielding Effectiveness: RF Shielding Mesh



dB Shielding Table

10dB = 90%
20dB = 99%
30dB = 99.9%
40dB = 99.99%
50dB = 99.999%
60dB = 99.9999%
70dB = 99.99999%
80dB = 99.999999%
90dB = 99.9999999%

RF Sources

Baby Monitor	49, 902, 2400 MHz
Bluetooth	2400 MHz
Cellular	700-2600 MHz
5G Low-Mid, High Band	600-6000 MHz, 24000 MHz+
DECT Phone	1900 MHz
FM Radio	88-108 MHz
Microwave Oven	2450 MHz
Smart Meter	900, 2400 MHz
TV Towers DTV	54-698 MHz
WiFi Router	2400, 5000, 6000 MHz
WiMax	3500 MHz