

**Contact Info:** Office: 608-989-2571

Fax: 608-989-2570

**Email:** sales@stetzerelectric.com

## marTech Systems EMC Plus<sup>3</sup> Shielding Fabric

### Intended Use

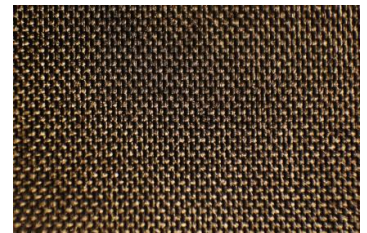
EMC Plus<sup>3</sup> shielding fabric from marTECH Systems is excellent for a wide variety of shielding applications. We carry EMC Plus<sup>3</sup> to give our customers a high-quality option to combat “Smart” meter radiation – a widespread and growing problem in the United States – as well as electromagnetic radiation from other sources, such as cell towers and WiFi Internet.

EMC Plus<sup>3</sup> is intended for indoor use only – it is a metallic fabric that will rust if exposed to water and oxygen, and therefore cannot be used outdoors without being hermetically sealed.

### Installation Instructions

Installation of EMC Plus<sup>3</sup> Shielding Fabric is simple and can be installed in minutes for most Smart meter applications.

1. Locate your smart meter on the exterior of your home. Note its location, and take measurements, if necessary.
2. Go inside your home and find the area directly behind the smart meter.
3. Hang your swatch of EMC Plus<sup>3</sup> Shielding Fabric on the wall directly behind the smart meter so that the center of the fabric is centered on the meter (the glass housing) and will overhang the meter on all sides by at least 1 foot. EMC Plus<sup>3</sup> Shielding Fabric can be hung with tape, thumbtacks, double-sided tape, etc. (See the image on the next page for clarity.)



**Manufacturer:** marTECH Systems GmbH

**Description:** Fine shielding fabric, synthetic, metallic conductive surface

### Product Information

The highest shielding properties for electromagnetic fields

Shielding properties – 85 to 120 dB for frequencies at 0.1 to 1.5 GHz

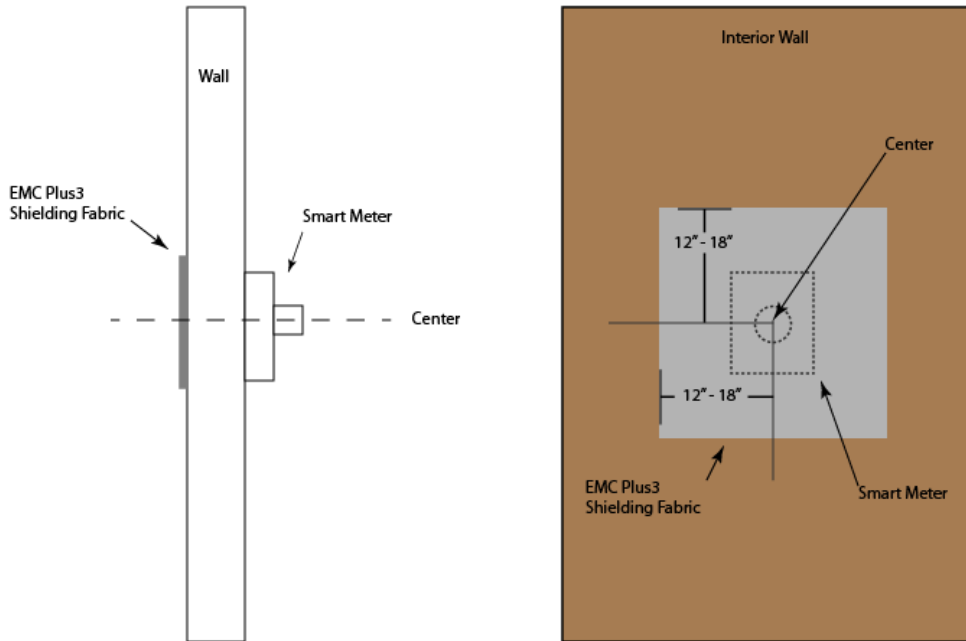
Strong and durable; Metallic; Ferromagnetic

Recommended for residential use; **Indoor use only.**

### Technical Data

Weight: 95 grams/m<sup>2</sup>

Surface resistance: < 0.01 Ohm/cm<sup>2</sup>



**Note:** Standard dimensions of EMC Plus<sup>3</sup> Shielding Fabric are 3 feet long by 1 meter wide – this allows the proper amount of overhang when centered on the smart meter.

4. Feel free to cover EMC Plus<sup>3</sup> Shielding Fabric with a picture frame or other decorative item to “hide” the fabric

When these instructions have been followed your exposure to smart meter radiation in your home should be eliminated. In some situations you may need more than one piece of EMC Plus<sup>3</sup> Shielding Fabric to eliminate your exposure in your home; for example if your smart meter is mounted so that more than one exterior wall of your home will be exposed to its radiation.

Please contact us using the information listed on these instructions if you have questions, need help with installing this product, or would like to place another order.