



TitanRF Faraday Fabric can be cut and sewn like standard fabric. It can be used for EMP/CME protection, cell phone signal blocking, EMI radiation reduction, wireless meter shielding, router shielding, and similar applications.

TIPS FOR BUILDING A FARADAY ENCLOSURE

- Use TitanRF Faraday Fabric to construct a RF shielding enclosure.
- For radiation reduction, simply placing the fabric over the object may reduce direct radiation, but remember signals bounce around rooms and fill spaces.
- For higher reduction or complete blocking of signals/radiation, you must COMPLETELY cover the device. Even the tiniest hole can leak signal.
- Blocking high strength signals like WiFi may require two or even three layers of fabric on ALL SIDES (depending on how the enclosure is built).
- Blocking low MHz signals like some access cards or two-way radios may require three or four layers of fabric on ALL SIDES.
- The mouth of the enclosure should fold over to create a tight container.
- To connect multiple sheets of fabric, sew together or use TitanRF Faraday Tape (sample included, see backside for more info).
- Test the shielding effectiveness of your faraday project with the Mission Darkness™ app, called, "Faraday Test" for iPhone, or "MD Faraday Bag Tester" for Android. If you think your enclosure is sound but you're experiencing failures when using the app to test, try calling or texting a phone while inside of your enclosure.
- Share your creations with the DIY Faraday community! (See backside).

FABRIC CARE INSTRUCTIONS

- Do not wash TitanRF Faraday Fabric, as it may reduce the shielding effectiveness. If you must clean, wipe with a slightly damp cloth and let air dry.
- Keep TitanRF Faraday Fabric stored in a clean, dry environment.

Complete your Faraday Enclosure with ***TitanRF Faraday Tape!***



Don't know how to sew fabric?

Want to join two pieces of TitanRF Faraday Fabric together?

Need to seal your enclosure after it's complete?

FREE 12" SAMPLE INCLUDED!

TitanRF Faraday Tape is a 1" width high-shielding conductive adhesive tape. It can be used to connect two sheets of TitanRF Faraday Fabric or to seal enclosures. The 12" length included sample can be used to complete small card cases or wallets.

To connect two sheets of TitanRF Faraday Fabric, purchase a 10ft roll of TitanRF Faraday Tape at:

www.mosequipment.com/products/titanrf-tape

Place the sheets together and overlap slightly. Adhere the tape to the front and back layers to seal both sides. Make sure all edges are covered.



Join the DIY Faraday Community!

For tips and photos of homemade RF shielding cages, enclosures, and bags, check out www.instagram.com/diy_faraday

Share your projects with the community using **#DIYFaraday**



**MISSION
DARKNESS**



info@mosequipment.com
www.mosequipment.com
Tel: 805-318-3212

Mission Darkness™ Faraday Bags and Products made by MOS Equipment™ All content ©2018