

# Fix your Faraday Enclosure with a ***TitanRF Faraday Patch!***



## COMMON USES

- ✓ *Repair or seal a faraday bag or line your own enclosure*
- ✓ *EMI shielding for EMP and radiation reduction for health*
- ✓ *Quickly create a faraday cage by wrapping around object*

**TitanRF Faraday Patch** is a high-shielding conductive adhesive rectangular sheet with rounded edges (multiple sizes available). The flexible patch is primarily used to mend a punctured faraday bag, connect two sheets of TitanRF Faraday Fabric, seal RF shielding cages, create a rapid faraday enclosure, or as a pocket sticker to deflect cell phone radiation away from the body.

If using as a patch, remove backing and firmly adhere to a flat surface. Make sure the patch completely and securely covers the punctured area. Large patch sheets can be used to create a faraday enclosure by folding sides and sticking over an object. The patch can be trimmed with scissors to fit specific sizes. If using with TitanRF Faraday Fabric, see back side for DIY faraday instructions.

Purchase additional TitanRF Faraday Patches at:

[www.mosequipment.com/products/titanrf-faraday-patch](http://www.mosequipment.com/products/titanrf-faraday-patch)



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*Want to build your own faraday enclosure or shield electronic devices?*

***Just use TitanRF Faraday Patch  TitanRF Faraday Fabric!***

**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. Use Titan RF Faraday Patch or Tape to connect multiple sheets or seal your enclosure.

Purchase a 44" wide x 36" long TitanRF Faraday Fabric sheet at:

[www.mosequipment.com/products/titanrf-faraday-fabric](http://www.mosequipment.com/products/titanrf-faraday-fabric)

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## 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 Patches or Tape.
- 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 front side)