

## Credit Card Shield from RFID!

RFID is Radio Frequency Identification, a means of identifying you and invading your privacy used by many stores, credit cards, and U.S. passports. The RFID Shield idea is from Dustin Kirk, designer of the RFID-Blocking Wallet.

You may not need to replace your wallet if you only want to block RFID credit cards. To shield them from RFID, they can be covered by metal.

I tried wrapping them in aluminum foil. Foil should work. When I wrapped a cell phone in aluminum foil, it would not ring because it received no radio signals. However, aluminum foil is fragile. Duct tape provides a durable backing.

Dustin suggests using aluminum foil with a backing of Duct tape. Here's how:

1. Measure your credit cards. My largest measures 3-1/2" X 2-1/4".
2. Double the 2-1/4" to make 4-1/2". If your pile of credit cards is 1/4" thick, add 1/4" to make 4-3/4".
3. Assuming a 1/4" pile of credit cards, cut two pieces of duct tape 5" long.
4. Since Duct tape is only 2" wide, overlap the 2 pieces until it is 2-1/4" wide.



5. Cut a piece of heavy-duty aluminum foil and put the Duct tape on it.
6. Trim the Duct tape to 2-1/4" X 4-3/4".
7. Smooth the aluminum foil onto the duct tape for good adhesion. Bend the Credit Card RFID Shield in half with the duct tape side out. Add credit cards, put it in your wallet, and you're done!

(If you'd like to see how Dustin Kirk made his RFID-Blocking wallet, go to: <http://www.rpi-polymath.com/ducttape/RFIDWallet.php>). Thanks, Dustin!