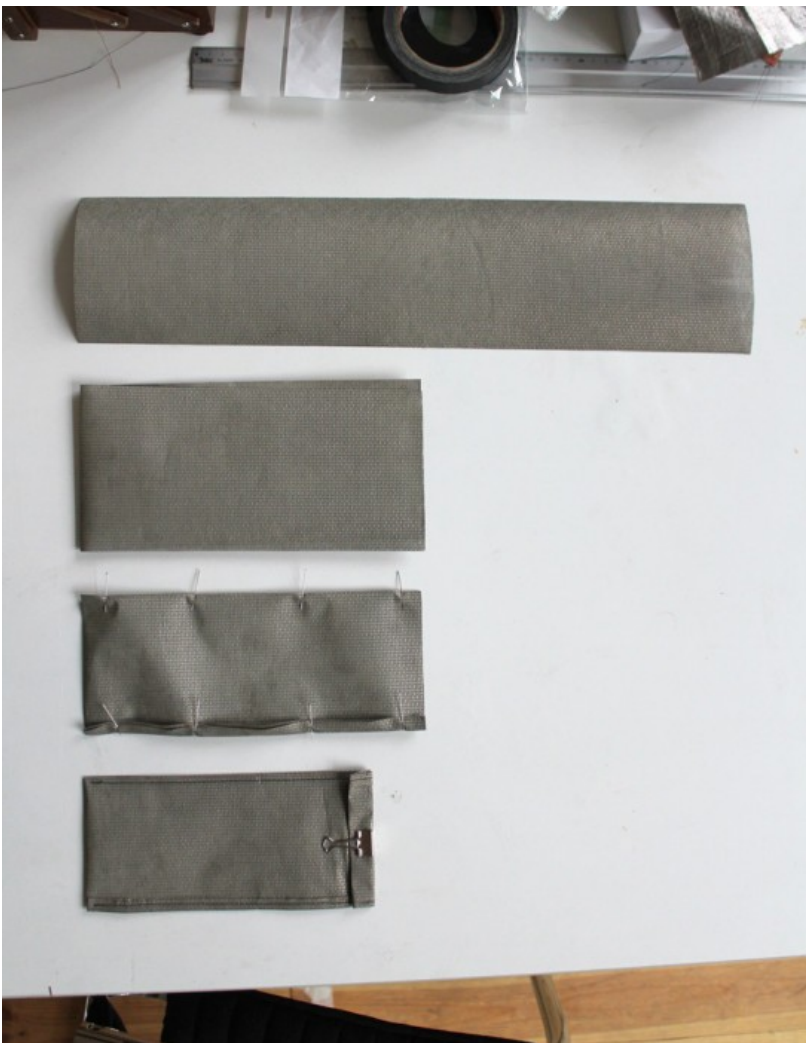


## **KILLYOURPHONE**

1. deactivate all your telephone sensors (bluetooth, daylight and other sensors when you don't use this)
2. set your phone in fly modus
3. deactivate gps, if it is possible

KILLYOURPHONE.COM is an open workshop format. Participants are invited to make their own signal blocking phone pouch. In the pouch the phone can't send or receive any signals. It is dead! This workshop was run for the first time at the Chaos Communication Congress in Hamburg end of 2013. You can run this workshop yourself at your place with friends and neighbors, at the school, community center etc... Protect your privacy! Discuss surveillance and learn how to sew! I am a Berlin based artist and I like to make projects about the Internet & computers and their impact on society.(see also [Silver Cell](#) phone pouch 2004)

## **The pouch**



The pouch has a very simple design. Of course you are invited make something more fashionable but this version is very easy to make and it works. Make it any size you want! (Tablet etc) To make it fit most common current smart phones I usually make the pouch 10 x 20 cm. **IMPORTANT: What ever you do make sure you fold the material on all sides to make sure the radio waves can't get through!!**

#### **Tutorial for a 10 x 20 cm pouch:**

1. Cut 12 cm stripes from your roll blocking fleece.
2. Make pieces of 50 x 12 cm, each for one pouch. (i.e. from a 1 m roll stripe you'll get 2 pieces.)
3. Fold your 50 x 12 cm piece in length to 25 x 12 cm
4. Fold again the long sides, each 1 cm and pin them with needles.
5. Sew two straight seams on the left and right side.
6. Fold the opening at least 2 times! Find a paper clip or clamp to close the pouch.
7. Done!

## **FAQ**

### **Why can't I just turn off my phone?**

Yes, of course you should but nowadays we can't really say any more if a phone is actually turned off when you power it down. The alarm still works, right? Also, you can't take out the battery any more of most current devices. [Read this](#) to get an idea what s going on.

### **Does the pouch work?**

Yes, it does! It works very well for a whole bunch of frequencies depending on which material you got. If you want to make sure it is also strong against close up wifi signals I recommend sewing a double layer pouch. Test it!

### **How does it work?**

The material is a copper or silver coated cloth or fleece especially developed for electromagnetic protection. As a pouch it forms a [Faraday cage](#) which blocks all electromagnetic radiation (radio waves). Usually it is used in military or aviation . When you sit next to a strong radar antenna you better want to isolate the wall to not get grilled.

### **Does the material also shield RFID chips in passports?**

Yes, it does. Since the RFID chips are usually powered passively the signal strength is much lower. RFID is in general much easier to kill than GSM and other signals.

### **Where to get the material?**

Search for **RF Shielding Fleece, HF+LF Shielding Fleece, RF Shielding Cloth, Electromagnetic Field Shielding Fabrics or Metalized Fabrics** ! You will find these and similar materials in stores which are into electromagnetic protection. The fleeces usually have the best absorbing properties but cloths work as well. Everything with 99,999% damping for 70dB and higher (for a broad range of frequencies 1-5Ghz) should work very well. There are many different online shops offering these products. Some examples below. If you find a good supplier in your country please let me know, I ll add links below... Example shops:

- Germany <http://www.yshield.com/> <http://biologa.de> <http://www.pbcons-shop.com/>
- USA <http://www.lessemf.com/fabric.html#1213>  
<http://www.fine-silver-productsnet.com/shmefayaandf.html>

### **Do I need a special thread to sew a blocking pouch?**

No, you don't. But it is important to fold the fleece on all sides do no radio waves can escape the Faraday cage.

### **Can I run my own KILLYOUPHONE workshop?**

Yes sure! Run your own signal blocking pouches workshop in your neighborhood, club, festival etc...& thx for linking to this website!

### **What about isolating your phone acoustically so it can't record any sound?**

Once a third party has installed a trojan on your phone it is capable to run any software on your phone. When your phone is in the blocking pouch it is not connected to any network but in case of a trojan it still could record sound (i.e. a conversation) and send it later. To prevent this the phone needed to be isolated acoustically. A simple solutions for this is a bottling jar or more effectively [double plastic pipes](#) used in plumbing.



Sack



Klappe



Roll



Schnapp



Reis.

## Links

More awesome projects:

- <http://datenform.de/silver.html> by Aram Bartholl, prior project from 2004
- <https://offpocket.com/> by Adam Harvey (more cool stuff here!!  
<http://ahprojects.com/projects>)
- <http://makezine.com/2010/11/18/phonekerchief-blocks-cell-signals/>
- <http://www.sarahvansonsbeeck.com/faradaybag.html> by Sarah van Sonsbeeck (also a [tent!!](#))
- <http://fffff.at/compubody-sock-as-used-by-edward-snowden/> by Becky Stern

Products of the shelf (I haven't tested any.):

- [https://www.blockitpocket.com/index\\_osc.php](https://www.blockitpocket.com/index_osc.php)
- <http://dx.com/p/cell-phone-signal-blocker-pouch-1305#.UtgxSLRc91c>
- <http://www.itstactical.com/digicom/privacy/carry-a-cloaking-device-for-your-cell-phone-anywhere-you-go/>
- <http://silent-pocket.com/why-silentpocket/>
- <https://www.google.com/search?tbm=shop.....>

