



# FARADAY BAG TESTING: WHAT WE FOUND

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*All products were tested multiple times by Wesnet's Tech Safety Specialists across various locations, smartphones, and connected devices, product orientations, and weather conditions.*

*NB: This information is correct as at 08.07.2025 to the best of Wesnet's knowledge. Technologies and regulations can change rapidly, so it is advisable to check for updates. This information is general in nature and should not be solely relied upon for individual circumstances.*

## What is a Faraday Bag?

A Faraday bag is a secure pouch designed to block signals, protecting bank cards and electronic devices—such as smartphones, car key fobs, laptops, and tablets—from electromagnetic fields and wireless communication. The bag is lined with metallic materials, such as copper or nickel, which effectively block GPS, cellular, Wi-Fi, Bluetooth, and RFID signals. This protection helps prevent devices from being hacked, tracked, or tampered with remotely.

Survivors might choose to use Faraday bags to conceal their movements, communications, and interactions with others. This can be particularly useful when fleeing a dangerous situation, going about daily activities without the fear of being watched or tracked, or during consultations with caseworkers, legal professionals, or medical practitioners. Additionally, they may use Faraday bags to protect car keys from being cloned and to prevent RFID theft, credit card skimming, and unauthorised scanning of contactless payments.

It's important to note that Faraday bags do not necessarily block the microphone feature of devices. Once the devices are removed from the bag, they will resume Wi-Fi and cellular connectivity unless their settings are configured to pause these connections. For survivors incorporating Faraday bags into their safety planning, it is essential to do so as part of a broader technology safety strategy, rather than relying solely on the Faraday bag for protection.

## Limitations of the Faraday Bag Uses:

1. Although Faraday bags may form part of a tech safety plan, they should not be relied upon solely to keep survivors safe.

2. High-quality Faraday bags can block GPS, cellular, Wi-Fi, Bluetooth, satellite, and RFID signals; however, they do not prevent sound from being recorded locally on the device's storage. They only stop the transmission.
3. May not be fit for purpose if they have not been secured properly, the devices have not been placed in the bag as instructed, or if the product is substandard.

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## **The 'No Snooping Allowed' Faraday phone wallet**

Testing of the 'No Snooping Allowed' Faraday phone wallet returned mixed results.

The 'No Snooping Allowed' Faraday phone wallet successfully interrupted communications with a Samsung phone, blocking calls and sending them directly to voicemail. Meanwhile, an iPhone experienced interruptions with live location tracking and had an inaudible ringtone for incoming calls. Live location tracking was unavailable, and other devices sharing the same iCloud/Apple Account could not trigger sounds on the iPhone. However, once the iPhone was removed from the wallet, both Wi-Fi and cellular reception were restored, and missed notifications, including alerts from 'Find My iPhone,' were received.

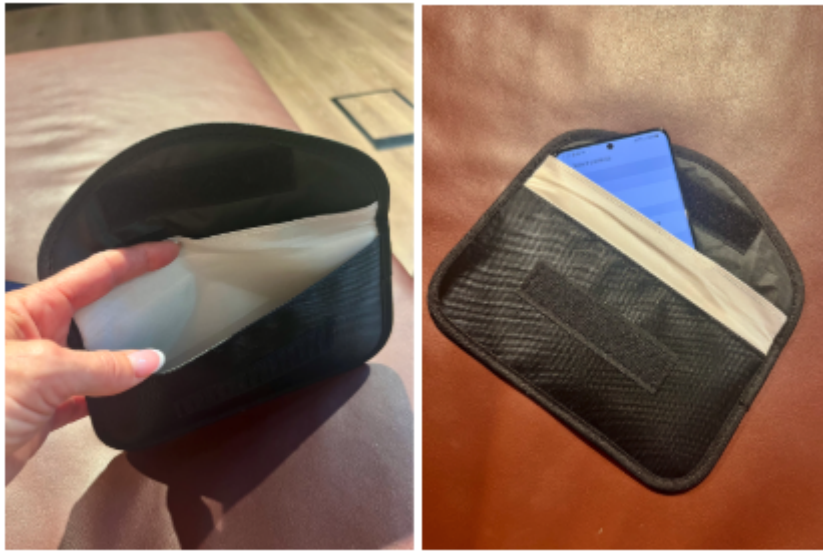
During further testing, an iPhone 13 was secured in the 'No Snooping Allowed' Faraday phone wallet, along with a linked Apple Watch (Series 6). Live location tracking in the 'Find My' app failed, and calls to both devices from a nearby suburb were unsuccessful.

A Samsung Galaxy S21 secured in the 'No Snooping Allowed' Faraday phone wallet was called multiple times from an iPhone 13, and the calls connected when the iPhone and the phone wallet were within close proximity (10 to 30 centimetres apart). However, when the phone wallet was behind a wall or more than 10 meters away, calls went straight to voicemail, and notifications did not come through until the Samsung Galaxy S21 was removed from the wallet.

Results varied when the Samsung Galaxy S21 was used to call the iPhone 13, which was secured in the 'No Snooping Allowed' Faraday phone wallet. Some close-range calls succeeded; however, most calls 10-30 cm away went straight to voicemail, and missed-call notifications were received only after the iPhone was removed from the wallet.

Note that the 'No Snooping Allowed' Faraday phone wallet requires the phone to be secured within the silver metallic lining for optimal protection. A design fault allows the phone to be inadvertently slipped into the wallet outside the protective lining, leaving the device unprotected in such instances.

These mixed results highlighted the challenges of modern technology!



## Conclusion

- The 'No Snooping Allowed' Faraday phone wallet is a solid enough option if cost is an issue.
- The 'No Snooping Allowed' Faraday phone wallet performed better with Samsung devices than with iPhones.
- Inconsistency in the 'No Snooping Allowed' Faraday phone wallet's design can affect functionality.
- Users must ensure the device is secured within the 'No Snooping Allowed' Faraday phone wallet's metallic lining for it to function correctly.

**Amazon rating:** 4.3 stars out of 5 | **Wesnet rating:** 3 stars out of 5

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## The Feirenqi 4-pack Faraday Bags

The phone-sized Feirenqi Faraday bag snugly encased the phones, while the tablet and laptop bags effortlessly accommodated both phones and the iPad.

All of the Feirenqi Faraday bags, sized for phones, tablets, and laptops, required some dexterity to roll down and secure the Velcro top. However, the larger laptop bag was slightly more challenging because the Velcro strip is positioned differently.

A Samsung phone was used to call an iPhone 13, which was secured in the phone-sized Feirenqi Faraday bag; the call was received successfully. It was also possible to track the phone using 'Find My' and play the ringtone to identify it. The iPhone also received notifications while it was in the bag.

An iPhone 13 was secured in the medium-sized Feirenqi Faraday bag. The phone remained traceable via Apple's 'Find My' app, and a call secured to it was successful. The iPhone rang audibly, and notifications were also received while it was in the bag.

An iPhone 14 was used to attempt to call a Samsung phone secured at different times in phone-sized, medium-sized, and large-sized Feirenqi Faraday bags. The calls went straight to voicemail, and text messages were not received. After removing the Samsung from the phone-sized bag, the device took a moment to reconnect to the Wi-Fi network. After removing the Samsung from the medium-sized and large-sized bags, it appeared to be connected to the network and Wi-Fi, but there was a 1-minute delay in receiving messages and missed call notifications. All three Faraday bags containing the Samsung were tested at 1 meter and 5 meters from the iPhone 14.

An iPad Pro was secured in a large Feirenqi Faraday bag, with all controls enabled (Bluetooth, Wi-Fi, etc.). The iPad displayed its last known location, and an iPhone 13 using the same iCloud/Apple Account could not play a sound on it. Once removed from the bag, the iPad updated its location after a brief 3-second delay while reconnecting to Wi-Fi, and the 'Find My' notification was received.

A call from an iPhone in a neighbouring suburb attempted to reach an iPhone 13 secured in the large Feirenqi Faraday bag. The call successfully connected to a linked Apple Watch (Series 6, GPS + Cellular) outside the Faraday bag using the iOS Phone app. Although the iPhone 13 inside the Faraday bag did not ring, the call was logged on the iPhone at the same time it was received and answered on the linked Apple Watch. Additionally, the bag blocked live WhatsApp location tracking.

A Samsung Galaxy S21 was used to call and text an iPhone 13 that was secured in various Feirenqi Faraday bags. The phone-sized and laptop-sized bags successfully blocked all signals to the iPhone 13. However, during the first two attempts with the

tablet-sized bag, the texts were delivered, and the phone rang, going to voicemail. On the following three attempts, the tablet-sized bag successfully blocked all signals. Notably, there was no connection to the Apple Watch when it was secured in the phone-sized bag.

Several attempts were made to call a Samsung Galaxy S21 that was secured in a phone-sized Feirenqi Faraday bag from an iPhone 13. All calls connected immediately, and the phone vibrated through the bag. Notifications were not blocked either.

Conversely, the iPhone was called multiple times while the Samsung Galaxy S21 was also in the phone-sized Feirenqi Faraday bag. At distances of 10 to 30 cm, the calls connected instantly, and the iPhone vibrated inside the bag. Notifications were received as well.



## Conclusion

- Persistent testing showed the Feirenqi Faraday bags performed better on Samsung devices than on iPhones.
- The results were mixed, but overall, they were quite unimpressive for all Feirenqi Faraday bags.

**Amazon rating:** 4.5 stars out of 5 | **Wesnet rating:** 1.5 stars out of 5

## Mission Darkness Non-Window Tablet Faraday Bag

A Samsung phone secured in the Mission Darkness Faraday Bag was unable to complete calls; it remained silent and went directly to voicemail. On an iPhone, live location tracking was not accessible, and it was impossible to play an identification sound. Additionally, this sound could not be played from other devices linked to the same iCloud/Apple Account. Once the phone was removed from the Faraday bag, neither Wi-Fi nor cellular reception was working, and notifications were received only when the phone was outside the bag. Alerts from 'Find My iPhone' were also not received.

An iPhone 13 inside the Mission Darkness Faraday Bag was called from a secondary iPhone 13 from a different contact, and the call went straight to voicemail. When the phone was removed from the bag, it was clear that the device had been disconnected from both the network and Wi-Fi. Additionally, notifications were delayed.

Multiple attempts were made to call a Samsung Galaxy S21 secured inside a Mission Darkness Faraday Bag using an iPhone 13. The Faraday bag was positioned 10 to 30 centimetres away. No calls connected, and no missed-call notifications were received, even after the Samsung Galaxy S21 was removed from the bag.

Several attempts were made to call the iPhone 13 using the Samsung Galaxy S21, with the Mission Darkness Faraday bag positioned 10-30 cm away. No calls connected, and no missed-call notifications were received, even after the iPhone was removed from the bag.



## Conclusion

- We have high confidence in our recommendation of the Mission Darkness Faraday Bag.

- The Mission Darkness Faraday Bag was the most expensive of the testing options.
- We especially liked the Mission Darkness Faraday Bag's instructions for properly securing the tablet shield top.

**Amazon rating:** 4.5 stars out of 5 | **Wesnet rating:** 4 stars out of 5