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Shieldex® Shielding Pouches



Our private information is important to us. Imagine making this information accessible to the public, something we would never do on purpose. Our data is constantly on the move in form of high-frequency signals, whether credit cards, health insurance cards or cell phones. To prevent data misuse, we have developed silver-plated mobile phone and laptop bags - Shieldex® Shielding Pouches. These pouches shield up to 80 dB in a frequency range of 0.9 GHz to 3.8 GHz and are also of high interest for the mobile forensic industry. Shieldex® Shielding Pouches are 5G standard certified.

Description

The protective cover consists of a tightly woven polyamide while the inside is made from two different metallized Shieldex fabrics. These fabrics are used for large-scale shielding of high-frequency and electromagnetic radiation (HF) as well as low-frequency alternating electrical fields (LF). The shielding performance of the textiles themselves is up to 85 dB in the frequency range from 0.7 GHz to 5 GHz.



How does it work?

Our Shieldex® Shielding Pouches shield mobile phones and laptops from the outside world, to prevent any possible communication and data-manipulation on devices. Data cannot be received or sent, thus e.g., the police can use the device as an unambiguous evidence.

Additional Shieldex®
VELCRO® tapes for
closing



Handmade in
Germany

EM shielding by
uninterrupted
folding technique

Additional Features

You need a personalized overprint? No problem for us! The pouches are handmade in our in-house studio. Send us your demand and we will turn your individual pouch into something special.



Technical Specifications

Purpose

Safety shielding of personal electronic equipment (5G, WLAN, GSM, LTE, UMTS, Bluetooth and more)

Standard Sizes (Interior dimensions)

Phone: 17.5 x 10 cm suitable for up to 6.7-inch devices

Tablet: 31 x 24 cm suitable for up to 12.9-inch devices

Laptop: 38 x 28 cm suitable for up to 15.6-inch devices

Custom-made production available

Shielding effectiveness of the fabric – single layer (IEEE 299/2006)

Average up to 85 dB (0.7 GHz to 5 GHz)

Shielding effectiveness of the pouches themselves (IEEE-Standard 299-2006, MIL-Standard 285 and NSA-94-106)

Average up to 80 dB (0.9 GHz to 3.8 GHz)

Benefits

- Avoids the problem of the mobile phone becoming PIN locked
 - Re-usable
 - Portable - the Shieldex® Safety Pouch can be worn flexibly on the body and can also be attached to a belt if desired
 - Negates the need for an expensive faraday cage
 - Prevent the data from the networks communicating with the device, therefore stops any chance of evidence being tainted
 - Prevents any chance of evidence being manipulated during covert acquisition
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The “Key-Pouch”

Our Shieldex® Key Pouches are also of high interest for the automotive industry.

The automotive “keyless go” technology of locking and unlocking the car, offers the possibility of thievery. Within a certain range around the user, the key communicates uninterrupted with the car. This signal can be intercepted, and the car could be opened by a car thief. Our Shieldex® Key Pouches disrupt the communication to prevent car thefts.

Did we spark your interest ?

Please do not hesitate to contact us at any time.