

Shieldex® RF Shielded Duffle Bag

Secure Transport & Signal Isolation for Sensitive Electronic Evidence



In modern operations, sensitive electronic devices are no longer secured exclusively within controlled forensic environments. Smartphones, laptops, wearables, and communication devices are often seized, transported, or temporarily stored directly in the field. During these critical phases, electronic evidence remains vulnerable to wireless access, tracking, remote wiping, or data manipulation via cellular networks, Wi-Fi, Bluetooth, or GNSS signals. Maintaining signal isolation, chain of custody, and operational discretion under real-world conditions requires a solution designed not only for shielding performance but also for mobility, robustness, and control over manufacturing quality.

The Shieldex RF Shielded Duffle Bag is a mobile, high-capacity RF shielding solution designed for secure transport and temporary storage of multiple electronic devices. Designed for professional users in military, governmental, and forensic environments, it combines proven electromagnetic shielding performance with a discreet, rugged duffle bag format suitable for field operations.

General Information

At the core of the Shieldex® RF Shielded Duffle Bag is a Shieldex® Rolltop Bag, manufactured entirely in-house and constructed from a multi-layer shielding inlay using Shieldex® Berlin RS, Shieldex® Nora Dell CR, and Shieldex® Zell RS.

The rolltop design allows the shielding inlay to be tightly rolled and securely closed using VELCRO® fastening rows, ensuring continuous RF shielding during transport and handling. This system enables secure containment of multiple electronic devices while maintaining signal isolation even in dynamic operational environments.



The rolltop shielding inlay is housed within a robust outer duffle bag made from 1680D and 600D polyester, offering mechanical protection, shape stability, and weather resistance. A U-shaped zipper provides easy access to the main compartment, complemented by an additional side pocket and a separate rear compartment for accessories or documentation.

The Shieldex® RF Shielded Duffle Bag can be carried as a backpack or with a shoulder strap, allowing flexible use across different mission profiles.

Applications

- Secure **RF-isolated transport of seized electronic devices** during law enforcement operations.
- RF shielding of electronic evidence during customs and border control procedures.
- **COMINT / ELINT protection** of sensitive or captured electronic equipment in military operations.
- **Immediate signal isolation** of compromised devices during IT forensics and incident response.
- Secure transport and **temporary storage of digital evidence** for courts and public prosecutors.
- Discreet RF shielding of communication devices for private security and executive protection.
- **Protection against tracking and wireless interception** for journalists and NGOs in high-risk regions.
- **Controlled RF isolation** of electronic equipment during critical infrastructure emergency response.

Key Features



Technical Specification

Shielding effectiveness

Average up to 85 dB from 0.7 - 6 GHz
Measurement Standard: IEEE 299/2006

Shielding Materials (Inlay)

Shieldex® Berlin RS
Shieldex® Nora Dell CR
Shieldex® Zell RS

Outer Material

1680D & 600D polyester

Volume

48 liters

Weight

approx. 800 g

External Dimensions

59 × 27.5 × 30 cm

Carrying Options

Backpack or shoulder strap

Did we spark your interest?

More information can be found on our detailed data sheets.
Please do not hesitate to contact us at any time.