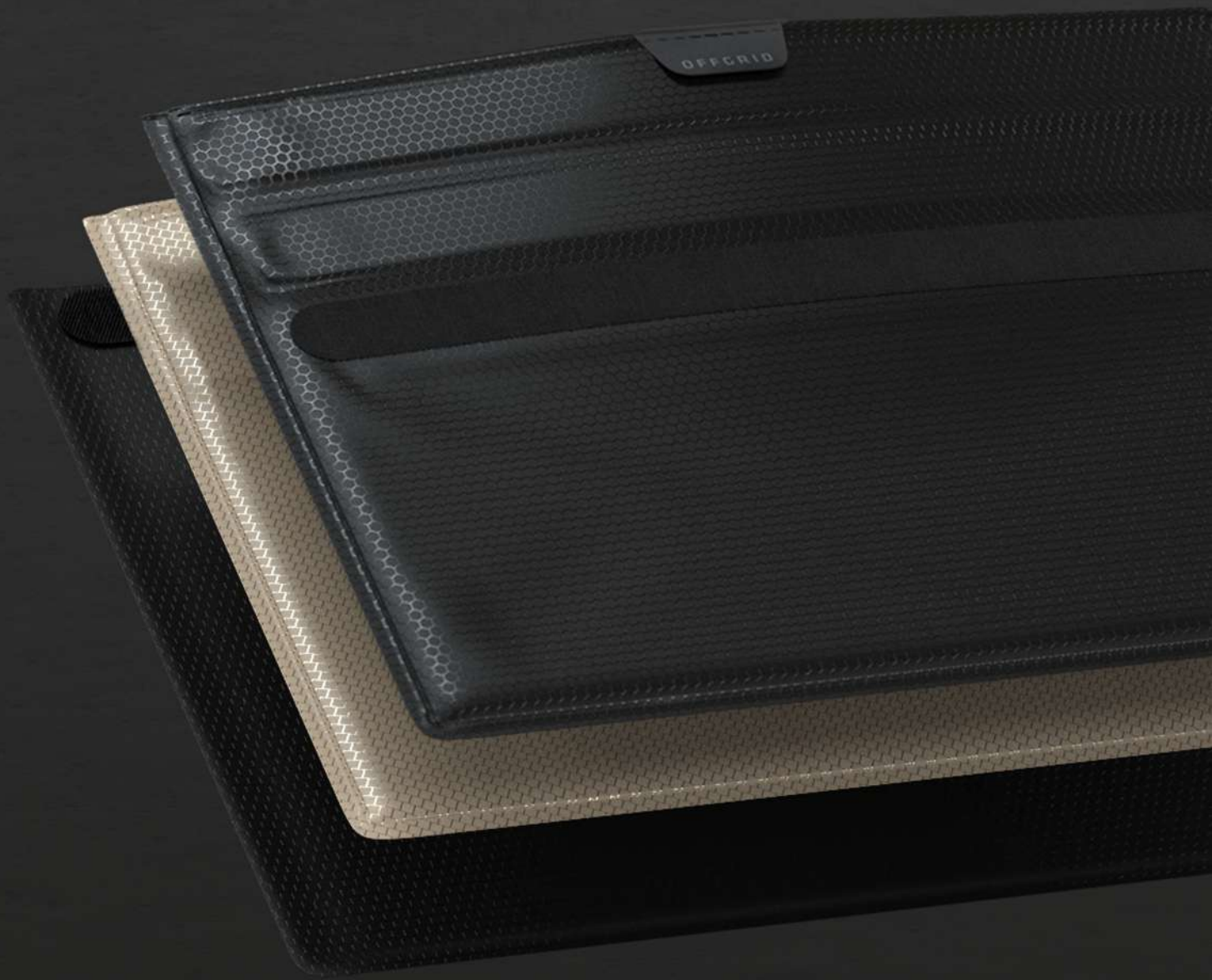




OFFGRID®

Construction Features & Comparison

Why Faraday Construction Matters

The construction of a Faraday bag matters significantly because it determines the bag's effectiveness in shielding its contents from electromagnetic fields (EMF). Here's why each aspect of its construction is crucial:

Materials Used: Faraday bags are typically made from a conductive material, such as metalized fabric, which can block or attenuate electromagnetic signals. The type and quality of the material directly affect the bag's ability to shield its contents from external electromagnetic interference (EMI), radio frequencies (RF), and electromagnetic pulses (EMP).

Layering: Effective Faraday bags often use multiple layers of conductive and non-conductive materials to enhance shielding effectiveness. The outer layer acts as a protective cover, the inner conductive layers provide the actual shielding, and insulating layers prevent the conductive fabric from coming into direct contact with the items inside, which could otherwise create a risk of short circuits.

Seams and Closures: The way a Faraday bag is sealed is just as important as the materials it's made from. If the seams are not properly constructed or if the closure system does not provide a complete seal, electromagnetic fields could leak in or out. An effective Faraday bag should have secure, conductive seams and closures to ensure complete enclosure.

Durability: The physical construction must also be durable to ensure the bag can withstand normal wear and tear without compromising its shielding ability. Tears, holes, or other damage to the conductive material can drastically reduce effectiveness.



HOW ARE CONSTRUCTION COMPARES

The following comparison below is based on Faraday construction. We sampled a premium built Faraday phone bag from each competitor and made the comparison based on information from their website. The following information can be subject to change from each competitor at any time.

Features	OFFGRID®	   			
		Mission Darkness Neo-Lock	SLNT	Disk Labs	Faraday Defense
Thero Welded Seams	✓	X	X	X	X
Anti Abbrasive Inner Shielding	✓	X	X	X	X
Single-Fold Closure	✓	X	✓	✓	X
Magnetic Closure	✓	✓	✓	X	X
Water & Dust Resistent	✓	✓	✓	✓	✓
Lab Tested	✓	✓	X	✓	X
Shielding DB	100 DB	80 DB	X	80 DB	X

HOW ARE CONSTRUCTION COMPARES

The following comparison below is based on Faraday construction. We sampled a utility built Faraday phone bag from each competitor and made the comparison based on information from their website. The following information can be subject to change from each competitor at any time.

	 OFFGRID®	 Mission Darkness	 SLNT	 Disk Labs	 Faraday Defense
Taped Seams	✓	X	X	X	X
Made in USA	✓	✓	X	X	X
Lab Tested	✓	✓	X	✓	X
Shielding Spec	100 DB	80 DB	X	80 DB	X
Water & Dust Resistent	✓	✓	✓	✓	✓

HOW ARE CONSTRUCTION COMPARES

The following comparison below is based on Faraday construction. We sampled a window built Faraday phone bag from each competitor and made the comparison based on information from their website. The following information can be subject to change from each competitor at any time.

	 OFFGRID®	 Mission Darkness	 SLNT
Taped Seams	✓	X	X
Made in USA	✓	✓	X
Lab Tested	✓	✓	X
Shielding Spec	100 DB	80 DB	X
Water & Dust Resistent	✓	✓	✓