

Precision in Hand: The Shieldon FR-0517 OEM Folding Knife

In a world where the right tool can make all the difference, the Shieldon FR-0517 [folding knife](#) stands out as a testament to quality, functionality, and aesthetic appeal. Whether you're an outdoors enthusiast, a hands-on professional, or just someone who appreciates a reliable blade at their side, this knife is designed to deliver performance with style. Crafted with meticulous attention to detail and engineered for versatile use, the FR-0517 isn't just an ordinary folding knife—it's a portable solution built for endurance.



Product Overview

The Sheldon FR-0517 is an exceptional folding knife that combines rugged utility with sleek design. It falls within the prestigious category of OEM (Original Equipment Manufacturer) tools, which means it's produced with the meticulous standards that Sheldon's Manufacturing & Trading Combo business is renowned for. It is an embodiment of both form and function, designed for those who demand excellence in their equipment.

Craftsmanship and Materials

At the heart of the FR-0517's design is its robust 3Cr13 stainless steel blade, a material chosen for its balance of durability and ease of maintenance. Its hardness rating of 50-52 HRC (Rockwell Hardness Scale) ensures the blade retains its edge through repeated use, while remaining pliable enough to avoid brittleness.

Wrapped around a sturdy 2Cr13 steel frame is the handle, adorned with beautifully colored wood that provides not only an elegant touch but also a comfortable and secure grip. The wooden handle juxtaposes the knife's modern engineering with a nod to traditional craftsmanship.



Blade Specifications

The drop-point style of the blade, measuring 3.35 inches (85mm) in length and 0.11 inches (2.8mm) in thickness, is designed for versatility. It's optimal for piercing, slicing, and general cutting tasks. The blackened finish not only adds a layer of corrosion resistance to the blade but also presents a tactical and discreet appearance, minimizing reflection and blending seamlessly with various gear setups.

User-Friendly Features

The FR-0517 is engineered with ease of use in mind. It features both a thumb stud and flipper, making one-handed opening effortless, while the liner lock mechanism provides safety and stability when the knife is in use. For those desiring even quicker deployment, Shieldon offers the option to install an assist-spring in the pivot, transforming the knife into a swift-action blade.



Convenience and Portability

With a handle thickness of 0.63 inches (16mm) and a total length of 7.72 inches (196mm) when fully extended, this folding knife is substantial yet compact. It fits comfortably in hand, and with a weight of 5.06 ounces (143.5 grams), it's substantial enough for a confident grip without being burdensome. The tip-down pocket clip is ideal for secure carry and quick access, making the FR-0517 a reliable companion for everyday carry.

Finish and Grind

The blade's flat grind is meticulously engineered to balance sharpness and strength, delivering a cutting edge that's both precise and robust. This grind is ideal for a variety of cutting tasks, offering control and efficiency. The blackened finish is not only aesthetically pleasing but also practical, reducing glare and providing an additional layer of protection against the elements.

Customization Options

Shieldon recognizes the importance of personalization, especially when it comes to tools that are a reflection of one's self and one's work. As such, the FR-0517 is offered with a range of customization options. From laser-engraved logos to unique handle materials, Shieldon can accommodate specific design requests to make each knife as unique as its owner.

Quality Assurance

Quality is more than a promise; it's a foundational principle at Shieldon. Each FR-0517 knife undergoes rigorous testing and quality control measures to ensure it meets the high standards expected of all Shieldon products. Our commitment to excellence means that every knife is both a tool and a piece of craftsmanship.



Ordering Information

The Sheldon FR-0517 is available with a regular minimum order quantity (MOQ) of 1200 units, making it a viable option for retailers and distributors looking to offer a premium product to their customers. With Sheldon's manufacturing and trading prowess, clients can expect competitive pricing, timely delivery, and outstanding customer service.



Conclusion

The Sheldon FR-0517 folding knife is more than just a cutting tool—it's a blend of precision engineering, premium materials, and a commitment to craftsmanship that stands the test of time. For those who require a reliable blade partner in their daily endeavors, the FR-0517 is not just a choice; it's the standard.

In choosing Sheldon's FR-0517, you're not just purchasing a knife; you're investing in a legacy of quality and a tradition of excellence. Whether for personal use or as a meaningful addition to a product line, the FR-0517 is designed to carve through challenges, leaving a path of precision in its wake.

A Handy Guide to Folding Knife Handle Materials

When it comes to selecting a folding knife, the blade often takes center stage in the buyer's mind. However, the handle is equally important, as it affects the knife's comfort, durability, and overall functionality. In this guide, we delve into the varied world of handle materials commonly used in the production of folding knives, examining their unique properties, and helping you understand how they might influence your choice.





The Role of Handle Materials

The material making up the handle—or "scale"—of a folding knife is crucial to its performance. It's the part of the knife you'll be in constant contact with and, as such, it needs to be comfortable to hold, offer a secure grip, and withstand the environments in which you'll use the knife. Handle materials range from traditional woods and natural substances to modern synthetics and metals, each with its advantages and disadvantages.

Wood Handles

Wooden handles have been used on knives for centuries, and they continue to be popular for their classic look and warm, natural feel. Hardwoods like walnut, oak, and maple are often used for their durability and resistance to wear. Exotic woods such as cocobolo and rosewood are prized for their striking patterns and colors. While wood offers a timeless aesthetic and can provide a good grip, it's not as resistant to elements like moisture and chemicals as some synthetic materials. Regular maintenance and proper storage are necessary to keep wood handles in good condition.

Synthetic Handles

Synthetic materials have gained popularity due to their resilience and versatility. Here are a few common types:

- **G-10:** A fiberglass laminate that is both lightweight and strong. It's resistant to most solvents and is almost unaffected by water, making it a great choice for heavy-duty use.
- **Carbon Fiber:** Known for its distinctive look and lightweight properties, carbon fiber is strong yet expensive. It provides excellent durability but can be slippery if not textured.
- **Micarta:** This composite of cloth layers soaked in resin is known for its toughness and ability to offer a secure grip once it's worn in, though it can be slippery when new.
- **Zytel®:** A type of nylon, Zytel® is durable, resistant to abrasion and impact, and very affordable. It's often used in tactical knives for its excellent performance in rugged conditions.



Metal Handles

Metal is commonly used for more modern and tactical knives. They can add heft to a knife and typically provide solid durability. Below are a few examples:

- **Stainless Steel:** Used for its strength and resistance to corrosion. Steel handles can be heavy, and they may become slippery when wet if not properly textured.
- **Aluminum:** A favored material for its lightweight and corrosion-resistant properties. It's often anodized for color, hardness, and protection. Aluminum can be cold to the touch in cooler environments but offers a good balance between weight and strength.

- **Titanium:** This premium material is both lighter and stronger than steel and highly resistant to corrosion. It's more expensive but offers a warm feel and exceptional durability.

Specialty and Natural Materials

Some knives feature handle materials derived from natural sources or unique processes:

- **Bone and Horn:** Traditional materials that offer a unique look with each piece. They require careful maintenance to avoid cracking and are often used in collector or decorative knives.
- **Mother-of-Pearl and Abalone:** These iridescent materials are used for their beauty in high-end or presentation knives. They are fragile and not suited for heavy-duty use.

Care and Consideration

Regardless of the material chosen, proper care is essential to maintain the handle's integrity and appearance. Cleaning, occasional conditioning, or oiling (for certain materials), and avoiding extreme conditions can extend the life of your knife handle.





Conclusion

Choosing a [folding knife](#) with the right handle material is a personal decision that should be influenced by your intended use, aesthetic preferences, and the environment in which you will use the knife. From the elegance of wood to the resilience of modern synthetics, each material brings something different to the table. Understanding these materials is key to finding a

folding knife that fits your hand like a glove and stands by your side through years of reliable service.

