

Introducing the HU-2511 Folding Knife: Innovation Meets Affordability

In the competitive world of [folding knives](#), the HU-2511 stands out as a beacon of innovation and affordability. Designed by Shieldon Manufacturing & Trading Combo, this knife combines cutting-edge 3D printing technology with traditional knife-making techniques to deliver a product that is both stylish and functional. Whether you are a seasoned knife enthusiast or a business looking to expand your product line, the HU-2511 is an excellent choice.



Product Overview

The HU-2511 is more than just a tool; it's a testament to modern engineering and design innovation. With state-of-the-art 3D printing used in its creation, this knife offers a unique aesthetic and practical appeal.

- **Item Number:** HU-2511
- **Segment:** Folding Knife

Blade Features

The blade of the HU-2511 is crafted from 3Cr13 stainless steel, known for its balance of hardness and corrosion resistance. This material makes the knife suitable for various environments and tasks without compromising on durability.

- **Material:** 3Cr13 Stainless Steel
- **Hardness:** 50-52 HRC
- **Thickness:** 0.071" (1.8mm)
- **Length:** 2.56" (65mm)
- **Style:** Drop Point
- **Finish:** Blackened
- **Grind:** Flat

The drop point blade style is highly versatile, providing a strong tip for piercing and a curved edge for slicing. The blackened finish adds a sleek, tactical look while offering additional protection against wear.

Handle Design

The handle of the HU-2511 is where traditional craftsmanship meets modern technology.

Made from a combination of stainless steel and polypropylene (PP), the handle features a striking black and camo design achieved through advanced 3D printing techniques.

- **Material:** Stainless Steel + PP
- **Thickness:** 0.276" (7mm)
- **Color:** Black + Camo
- **Total Length:** 6.18" (157mm)
- **Weight:** 2.54 oz (72g)

The camouflage pattern on the plastic handle scales is not just visually appealing; it also provides a secure grip, enhancing the user's control and comfort during use.



Practical Features

The HU-2511 is designed with practicality in mind, featuring several elements that enhance its functionality:

- **Pocket Clip:** Tip-down for secure, discreet carry.
- **Lock Mechanism:** No lock, allowing for quick and easy blade deployment.
- **Opening Mechanism:** Nail mark, ensuring straightforward and efficient access.

These features make the HU-2511 an ideal choice for users who require a reliable and accessible tool for everyday carry or specific tasks.

Packaging and Retail Presentation

The HU-2511 comes packaged in a blister card, which not only protects the knife during transportation but also provides an attractive retail display. This type of packaging is ideal for showcasing the knife's features and aesthetics, making it a perfect addition to retail environments.

Purchasing Details

- **Regular MOQ:** Stock spot item
- **Remark:** Camouflage on the plastic handle scales

The flexible MOQ reflects Shieldon's commitment to accommodating various business needs, allowing retailers and wholesalers to purchase according to their specific requirements.

Why Choose the HU-2511 Folding Knife?

1. **Innovation:** The use of 3D printing technology in the handle design sets the HU-2511 apart from conventional knives, offering a unique product that appeals to modern consumers.



2. **Affordability:** Despite its advanced design and materials, the HU-2511 is priced competitively, making it accessible for budget-conscious buyers and businesses.
3. **Versatility:** With its drop point blade and robust materials, this knife is suitable for a wide range of applications, from outdoor activities to everyday tasks.
4. **Durability:** The combination of 3Cr13 stainless steel and high-quality PP ensures the knife can withstand regular use while maintaining its performance and appearance.
5. **Aesthetic Appeal:** The blackened blade and camo handle provide a modern, tactical look that is both stylish and functional.

Ideal Uses

The HU-2511 folding knife is perfect for:

- **Everyday Carry (EDC):** For individuals who need a reliable tool on hand at all times.
- **Outdoor Adventures:** Suitable for camping, hiking, and other outdoor activities.
- **Retail:** An attractive product for stores looking to offer innovative and affordable knives.
- **Gift and Promotional Items:** Its unique design makes it an excellent choice for gifts or promotional events.



Conclusion

The HU-2511 folding knife by Shieldon Manufacturing & Trading Combo represents a perfect blend of modern technology and traditional craftsmanship. Its innovative 3D-printed handle and reliable blade make it an ideal tool for a variety of tasks. Whether you are looking to expand your product line or seeking a high-quality, affordable knife for personal use, the HU-2511 is an excellent choice.

By choosing the HU-2511, you are investing in a product that offers both functionality and style, backed by Sheldon's reputation for quality and innovation. Explore the possibilities with the HU-2511 and bring a new level of performance and design to your collection or retail offering. Contact us today to learn more about purchasing options and discover how the HU-2511 can meet your needs.

Exploring Handle Scale Materials in Folding Knife Production

When it comes to folding knives, the handle is just as crucial as the blade. The handle not only affects the knife's aesthetics but also its functionality, grip, and durability. An essential component of a folding knife handle is the scale, which refers to the material attached to the frame or liners of the knife. Understanding the different materials used for handle scales can help you choose a knife that suits your needs and preferences. In this guide, we'll explore the most common handle scale materials used in folding knife production.



1. G10

Overview: G10 is a composite material made from layers of fiberglass soaked in resin, then compressed and baked. It's renowned for its strength, durability, and resistance to moisture and chemicals.

Benefits:

- **Durability:** G10 is incredibly tough and can withstand heavy use without significant wear.
- **Grip:** The textured surface provides excellent grip, even in wet conditions.
- **Lightweight:** Offers a good strength-to-weight ratio, making it ideal for everyday carry knives.

Uses: G10 is popular in tactical knives and those designed for heavy-duty use due to its resilience and non-slip properties.

2. Carbon Fiber

Overview: Carbon fiber is composed of thin strands of carbon woven together and set in resin. Known for its high strength-to-weight ratio, carbon fiber is both lightweight and incredibly strong.

Benefits:

- **Weight:** Extremely light, reducing the overall weight of the knife.
- **Strength:** Offers significant toughness and rigidity.
- **Aesthetics:** The woven pattern gives a sleek, modern look appreciated by many knife enthusiasts.

Uses: Often used in high-end knives where performance and style are equally important.



3. Micarta

Overview: Micarta is a composite material made by layering fabric (such as linen, canvas, or paper) in resin. It's highly durable and has been used in knife production for decades.

Benefits:

- **Versatility:** Can be textured for better grip or polished for a smoother feel.
- **Durability:** Resistant to impact and moisture, making it suitable for outdoor use.
- **Aesthetic Variety:** Available in various colors and patterns, allowing for customization.

Uses: Common in both traditional and modern knives, particularly those used in outdoor and survival scenarios.

4. Aluminum

Overview: Aluminum is a lightweight metal that provides durability and resistance to corrosion. It's often anodized to enhance color and surface hardness.

Benefits:

- **Weight:** Lightweight, making it suitable for carrying over long periods.
- **Corrosion Resistance:** Naturally resistant to rust and corrosion.
- **Aesthetic Appeal:** Can be anodized in various colors, offering a wide range of visual options.

Uses: Frequently used in tactical and utility knives due to its balance of strength and weight.

5. Titanium

Overview: Titanium is a premium metal known for its exceptional strength, low weight, and corrosion resistance. It is often used in high-end knife models.

Benefits:

- **Strength:** Stronger than steel on a per-weight basis, providing excellent durability.
- **Lightweight:** Keeps the knife light, enhancing portability.
- **Corrosion Resistance:** Highly resistant to rust, making it ideal for use in harsh environments.

Uses: Preferred in high-end and custom knives where performance is critical.



6. Stainless Steel

Overview: Stainless steel is durable and resistant to rust, though heavier compared to other materials. It's often used in combination with other materials to enhance strength and aesthetics.

Benefits:

- **Durability:** Highly resistant to wear and tear.
- **Corrosion Resistance:** Can withstand exposure to moisture and chemicals.
- **Cost-Effective:** Generally more affordable compared to other premium materials.

Uses: Common in budget-friendly knives and those designed for heavy-duty tasks.



7. Wood

Overview: Wood has been used for knife handles for centuries. Different types of wood offer different aesthetics and characteristics, from exotic hardwoods to stabilized woods.

Benefits:

- **Aesthetics:** Offers a classic and natural look that many find appealing.
- **Comfort:** Often warm to the touch and comfortable in hand.

- **Variety:** Available in many types, grains, and finishes.

Uses: Popular in traditional and custom knives, as well as those designed for collectors.

Conclusion

The handle scale material of a folding knife significantly impacts its functionality, aesthetics, and overall user experience. Whether you prioritize durability, weight, grip, or style, understanding the properties of materials like [G10](#), carbon fiber, Micarta, aluminum, titanium, stainless steel, and wood will help you make an informed choice. By selecting the right handle scale material, you ensure that your folding knife not only meets your practical needs but also reflects your personal taste and style.

