



## Whiskey Bottle Caps

Whisky bottle cap is a packaging material used to close the whisky bottle, mainly made of aluminum alloy, with good sealing and anti-corrosion properties.

Its core structure includes:

- Aluminum shell: made by stamping and forming process, the surface can be decorated by plating, painting or laser engraving.
- Internal gasket: made of food-grade PE or PVC to ensure the airtightness of the bottle opening and prevent alcohol evaporation and oxidation.
- Additional functional components: such as anti-counterfeiting pull ring, anti-theft ring or QR code label to enhance security and interactivity.

### Specification of Whisky Bottle Cap:

Aluminium Alloys	1050, 1070, 3105, 8011
Liner Options	PE Foam, Composite, Pulp and Aluminium, Pulp and Polymer, Heat Seal, Pressure Sensitive, Plastic Sol
Surface Finishes	Brushed Aluminium, Polished, Anodized, Lacquer Coating, Color Coating (Silver, Gold, Blue, Black, White, Red, etc.)
Diameter Range	18 mm – 53 mm
Common Sizes	28x15 mm, 30x21 mm, 30x35 mm, 30x60 mm, 53-400, 24x400, 18x400mm, 20x400mm
Thread Type	Continuous Thread (CT), Roll-On Pilfer Proof (ROPP), Push & Turn
Customizations	Embossing, Debossing, Laser Engraving, Custom Logos
Certifications	FDA Approval, EU Food-Grade Compliance, ISO Standards
Cap Height Range	Short, Medium, Tall
Compatibility	Glass Bottles, Plastic Bottles, Jars, Metal Containers
Applications	Beverages, Wine, Food Products, Pharmaceuticals, Cosmetics, Personal Care, Olive Oils, Chemical Products
Sample	Free
MOQ	10000 Pieces

### Manufacturing Processes of Whisky Bottle Cap:

- Stamping and forming

Aluminum sheet is dropped into a round piece, formed into a cap prototype through multiple stretching processes, and then the thread and anti-theft ring structure is stamped out through a die.

- **Surface treatment**



Screen printing or laser engraving technology is used to add brand logos, and some high-end products are embedded with metal decorative strips.

#### - Smart Integration

QR code or NFC chip is embedded in the cap for anti-counterfeiting verification or interactive marketing, which needs to be matched with high-speed printing and testing equipment.

#### Decoration of Whisky Bottle Cap:

Top	lithographic printing / embossing / UV printing / hot foil / silk screen
Side	four colors offset printing / embossing / hot foil / silk screen printing

#### Core Advantages of Whisky Bottle Caps:

##### - Superior sealing

The ductility of the aluminum allows it to fit snugly into the threads of the bottle, which, combined with the internal gasket, effectively isolates the whisky from oxygen and prolongs its shelf-life, making it particularly suitable for blended whiskies with a consistent flavor profile.

##### - Anti-counterfeiting and security

The use of disposable pull ring, laser engraved code or NFC chip embedded technology to realize anti-counterfeiting traceability and protect the brand reputation. The anti-theft ring design ensures that the product has not been tampered with.

##### - Design Flexibility and Brand Expression

The surface of the aluminum cover can be customized with embossed, metallic or matte coating, supporting small-lot customization to meet the needs of limited editions or artistic co-branding, and enhancing visual appeal.

##### - Environmentally Friendly and Economical

Aluminum is 100% recyclable, in line with the trend of sustainable packaging. Production costs are lower than cork or crystal caps, making it suitable for mid-range and mass-market whiskies.

#### Application of Whisky Bottle Cap:

##### - Mid-range and mass market products

Aluminum caps are widely used for blended whisky or basic single malt whisky due to their cost-effectiveness.

##### - Ready-to-drink and small volume packaging

Aluminum caps are used for 200ml travel sizes or 50ml tasting sizes, making them easy to carry and securely sealed.

##### - Limited editions and artistic collaborations

Some brands use the metallic finish of the aluminum cap in contrast to the glass bottle to give a premium look.