



## Aluminum Foil Wine Bottle Caps

Aluminum foil wine bottle cap (also known as bottle seal or top) is an aluminum closure material that covers the outer layer of a cork or screw cap, usually made of aluminum foil or aluminum alloy.

International standards include

ISO 9001: Quality Control System Certification.

FDA 21 CFR: Food Contact Material Safety Certification.

### Commonly Used Alloys of Aluminum Foil Wine Bottle Caps:

- 8011 Aluminum Foil

Characteristics: Fe and Si elements added, excellent moisture resistance and light blocking, corrosion resistance and easy stamping and molding, lower cost.

Thickness range: 0.018mm to 0.3mm, suitable for mid-range wine models and mass production.

- 3105 Aluminum Foil

Characteristics: Balanced strength and flexibility, strong resistance to environmental stress, suitable for high-end cap designs with complex shapes.

- 3004 Aluminum Foil

Features: high hardness and good sealing, commonly used in high-end red wine packaging to enhance product image.

### Production Process of Aluminum Foil Wine Bottle Caps:

Stamping	Aluminum coils are formed into bottle cap prototypes through a number of stretching and stamping processes, which are suitable for 28mm, 30mm and other standard bottle mouths.
Surface treatment	Plating, painting or printing process to add brand logo, some high-end products embedded metal decorative strips (such as McCallum co-branded models).
Gasket integration	Internal composite food-grade PE/PVC gasket to ensure airtightness, tensile strength should be $\geq 165$ MPa.

### Sizes of Aluminum Screw Caps:

Specification	Diameter	Total Height	Color	Liner
18	18mm	12/14/11mm	Silver, Gold, Black, Red, or Customized Colors.	PE, TPE, Rubber, Silicone, Aluminum Foil, Plastisol, Pressure Sensitive Liners.
20	20mm	12mm		
24	24mm	13/15mm		
28	28mm	13/15mm		
31	31mm	14mm		



38	38mm	11/13mm		
45	45mm	13mm		
52	52mm	13mm		
53	53mm	13mm		

**Decoration of Aluminum Foil Wine Bottle Caps:**

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

**Application of Aluminum Foil Wine Bottle Caps:**

- Wine: Aluminum foil bottle caps are widely used for all types of wine, including red, white and sparkling wines.
- Other beverages: Besides wine, aluminum foil caps can also be used for other beverages such as juices and mixers.

**Core Advantages of Aluminum Foil Wine Bottle Caps:**

- Excellent barrier properties

Complete barrier to oxygen, moisture and UV rays to protect the flavor stability of the liquor.

- Processing flexibility

Support stamping, stretching, laser engraving and other processes, can be customized embossed, matte/glossy effect, suitable for different brand styles.

- Environmental protection and economy

Aluminum can be 100% recycled, recycled aluminum application reduces carbon footprint; large-scale production reduces cost, suitable for mass market.

- Security and Anti-counterfeiting

Anti-counterfeiting and traceability through disposable pull ring, laser engraved code or NFC chip embedded technology.