



## Olive Oil Bottle Caps

Aluminum olive oil bottle cap is an aluminum sealing device specially designed for olive oil packaging. Aluminum material is lightweight, corrosion-resistant and has good sealing properties, making it suitable for food packaging. Aluminum caps are not only effective in preventing the entry of air and moisture and maintaining the freshness and flavor of the olive oil, but also in preventing the effects of light on the oil, thus extending its shelf life.

The main functions include:

- Antioxidant protection: isolate oxygen and ultraviolet rays, slow down the oxidization and rancidity of oil (oxygen permeability  $\leq 0.05\text{cc/day}$ ).
- Anti-leakage design: Built-in food-grade silicone gasket ensures no leakage of high-viscosity oil.
- Precise flow control: part of the bottle cap integrated pouring nozzle or anti-drip structure, easy to use and reduce waste.

### Specification of Olive Oil Bottle Caps:

Product	Olive Oil Bottle Caps
Sealing Type	Screw cap
Type	Twist Off Cap
Liner	EPE Liner
External Diameter	30mm, 31mm, 31.5mm
Specification	31.5*24mm, 30*28mm
Weight	5g
Material	Aluminum-Plastic
Colors	Black, Green, Golden, Silver
Inner	Plastic Pourer
Decoration	Top: lithographic printing / embossing / UV printing / hot foil/ silk screen Side: four colors offset printing / embossing / hot foil/ silk screen printing
Specification	250ml-1L(250ml/500ml/750ml/1L)
Style	Tamper Evident
Usage	Premium olive oil packaging
Certificate:	SGS, FDA, ISO9001
MOQ	10000 pieces



### Types of Aluminum Olive Oil Bottle Caps:

31.5x24mm Aluminum Olive Oil Bottle Caps	31.5x24mm Aluminum Plastic Olive Oil Glass Bottle Caps
Aluminum Olive Oil Glass Bottle Caps With Pourers	31.5mm Aluminum Olive Oil Bottle Cap with Plastic Pourer
Aluminium Olive Oil Bottle Cap Non Spill	31.5mm Aluminum Plastic Olive Oil Bottle Ropp Cap with Inserts Pourers
Free Sample 31.5*24mm Olive Oil Bottle Cap	Olive Oil Aluminum Cap
Twist-off Aluminum Caps for Olive Oil Bottles	31.5x24mm Olive Oil Bottle Closure
Aluminum Plastic Bottle Caps For Olive oil	31.5x24mm Aluminum-Plastic Caps for Olive Oil Glass Bottles
Olive Oil Aluminum Cap With Plastic Insert	31.5mm Aluminum Olive Oil Glass Bottle Caps with Plastic Insert Pourer

### Test Standards of Olive Oil Bottle Caps:

- Sealing test: Invert the bottle and pressurize to 0.5 bar, hold pressure for 1 minute without leakage (ASTM D4991).
- Oil Resistance Test: Immersion in olive oil for 30 days with no swelling or deformation of the gasket (ISO 1817).
- Opening torque: Capping torque 0.8-1.5N-m to ensure easy opening and not easy to loosen.

### Typical Application of Aluminum Olive Oil Bottle Caps:

#### 1. Family olive oil (500ml-3L)

Standard screw cap: suitable for glass/ PET bottles, with threaded design for easy opening (e.g. Fei Li Bai Rui and Oliveira, which are common brands in supermarkets).

Anti-drip design: reduces grease stains on the kitchen countertop and improves user experience.

#### 2. High-end cold pressed virgin olive oil

Die-cast aluminum cap + wood grain coating: with dark glass bottle, conveying natural and high-end brand tone (e.g. Greek brand Gaea).



Limited edition gift box: customized embossed cap (e.g. olive leaf pattern) to enhance the added value of gifts.

#### Advantages of Aluminum Olive Oil Bottle Caps:

##### 1. Excellent antioxidant protection

- Oxygen barrier: the dense structure of the aluminum material effectively blocks the penetration of oxygen (oxygen permeability  $\leq 0.05\text{cc/day}$ ), slowing down the oxidation of the olive oil and preserving polyphenols and other active substances.
- UV protection: strong shading prevents light oxidation of oils caused by light, which is especially important for cold pressed virgin oils.

##### 2. High sealing and durability

- Sealing Gasket: Food grade silicone/TPE gasket is oil and temperature resistant ( $-40^{\circ}\text{C}\sim 120^{\circ}\text{C}$ ), suitable for high viscosity oils and fluids, ensuring no leakage for a long time.
- Corrosion resistance: 3105 aluminum alloy is resistant to acidic corrosion of oil and grease, with a service life of 3-5 years, which is better than ordinary plastic caps.

##### 3. Environmental protection and sustainability

- 100% Recyclable: Aluminum recycling rate is up to 95%, significantly higher than plastic (only 9%).
- Carbon Reduction Design: The recycled aluminum process reduces carbon emissions by 40%, complying with EU environmental regulations.

##### 4. Functionality and Design Flexibility

- Precise flow control: Integrated pouring nozzle or anti-drip structure reduces waste.
- Customized Appearance: Support anodized and matte painting process to enhance brand image.

##### 5. Security and anti-counterfeiting

- Anti-tampering design: Equipped with anti-theft ring or one-time opening mark to prevent secondary filling.
- Intelligent traceability: Integrated NFC chip or QR code, easy to verify the origin and production batch.