



Tamper Evident Ring Caps

Aluminum tamper evident ring cap is designed for secure sealing and enhanced product integrity in high-end alcohol, pharmaceuticals, cosmetics and other industries. Its sturdy construction ensures a tight seal and adds an upscale look to your packaging while maintaining the quality of the contents.

Tamper Evident bottle cap with anti-counterfeiting ring is a kind of anti-counterfeiting packaging technology that combines material properties and structural design. The tamper-evident ring visibly separates upon initial use, providing immediate indication if tampering has occurred, which helps maintain consumer trust and product safety.

Structure of Tamper Evident Ring Caps:

- Cap body: the top structure covering the bottle opening, lined with a sealing gasket (e.g. PVC, PE or rubber) to ensure an airtight seal.
- Anti-tampering ring (break-open ring): a ring-like structure that surrounds the bottom of the cap and is connected to the main body by a "connecting bridge" that breaks away when the bottle is opened.
- Locking teeth/ratchet structure: Some designs have grooves on the inside of the bottle mouth that bite into the locking teeth of the tamper-evident ring to ensure unidirectional opening.

Application of Tamper Evident Ring Caps:

1. Liquor Industry

- High-end liquor/whisky: e.g. Moutai, Wuliangye, etc. use anti-counterfeiting ring bottle caps with QR code traceability system.
- Wine: Some screw cap wines use anti-counterfeiting rings to replace traditional cork and improve sealing.

2. Pharmaceuticals and Healthcare Products

- Children's medicines, prescription drugs, etc. use anti-opening design to prevent accidental consumption or tampering.

3. Cosmetics & Perfumes

- Luxury brands (e.g. Dior, Chanel) enhance packaging security and maintain brand image with anti-counterfeit rings.

Advantages of Tamper Evident Ring Caps:

- Tamper Evident Ring Design: Ensures clear evidence of tampering for added security



- Aluminum Material: Customizable complex structure and appearance, fit for multiple product types
- Durable and Reliable: Long-lasting construction ensures effective sealing
- Environmental compliance: recyclable, in line with international standards for food/pharmaceutical packaging;
- Value-added branding: exquisite design to enhance high-end image, intelligent anti-counterfeiting data to help fight counterfeiting and traceability.