

## ESD Alcohol Bottle

### ◆ Product Description

The anti-static precision tip alcohol bottle is a professional solvent storage container specially designed for electrostatic-sensitive scenarios such as electronic manufacturing and precision maintenance. Its core function is to safely store and precisely dispense cleaning solvents like alcohol and isopropyl alcohol, while preventing electrostatic discharge (ESD) from damaging sensitive electronic components such as chips and PCB boards.



- Professional ESD Anti-static Protection
- Precision Tip & Accurate Flow Control Design
- Chemical Corrosion-resistant Material
- Compatibility with Multiple Capacity Specifications
- Robust, Shatter-resistant & Durable Performance

### ◆ Product Structure

- The ESD alcohol bottle is mainly composed of a bottle body integrally injection-molded from conductive polymer and a precision tip cap assembly with three-layer sealed flow control: the bottle body features static dissipation performance and is printed with an anti-static label; the precision tip cap achieves accurate liquid dispensing via an inner plug seal, flow guide tip and screw-on outer cap, and is paired with a threaded interface to ensure sealing as well as easy opening and closing, meeting the solvent storage and precision cleaning requirements of electrostatic-sensitive scenarios such as electronic workshops.

### ◆ Typical Applications

- The ESD alcohol bottle is widely used in scenarios such as electronic manufacturing SMT workshops, precision electronic maintenance, microelectronic and semiconductor laboratories, aerospace and military equipment maintenance, as well as medical device and optical instrument manufacturing. It can perform safe cleaning of precision components including PCB boards, chip contacts, wafers and optical components, effectively preventing electrostatic breakdown of sensitive electronic components and meeting the stringent requirements for electrostatic protection and precision cleaning across various fields.

### ◆ Typical Product Data and Physical Properties

Main Material: High-Density Polyethylene (HDPE)

Precision Tip Cap: Rigid Polypropylene (PP)

Sealing Inner Plug: Solvent-Resistant Silicone

Color: Blue

Capacity: 250 ML / 500 ML

Anti-static Resistance Value:  $10E9-10E11 \Omega$

Electrostatic Dissipation Time:  $\leq 2 \text{ s}$

Applicable Solvents: Alcohol, Isopropyl Alcohol, Acetone

#### Availability:

Item#	Color	Capacity	Packaging	Weight
1.2.17.01.0064	Blue	250ML	100pcs/carton	0.045kg
1.2.17.01.0063	Blue	500ML	100pcs/carton	0.045kg

### ◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

### ◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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