

Curved Alcohol Bottle

◆ Product Description

The angled-spout alcohol bottle is an alcohol storage container that takes high-density polyethylene (HDPE) as its core material and integrates a precise fluid-guiding angled spout design. It features three core advantages "shock-resistant and durable, lightweight and safe, and targeted liquid application" perfectly addressing the user pain points of glass materials being fragile and metal materials being bulky.



- HDPE Material: Shock-resistant, safe, and no leaching
- Angled spout for precise fluid guiding: Controllable volume with no waste
- Dual-seal protection: Balances leak-proof and volatilization-proof performance
- Weather-resistant with wide applicability: Enhanced safety performance
- One-piece molding + practical design: Convenient and environmentally friendly

◆ Product Structure

- The curved-spout alcohol bottle is manufactured via one-piece HDPE injection molding, featuring a cylindrical main body and a fine-bore curved spout as its core components. It is equipped with a dual-sealing structure consisting of a screw cap, a sealing gasket, and a dust plug, supplemented by auxiliary parts such as non-slip texture, a hanging hole, and a reinforcement ring. Integrating the properties of precise fluid guiding, sealed anti-volatilization, corrosion resistance, and shatterproof performance, it meets the requirements for alcohol storage and quantitative dispensing in multiple scenarios including electronic maintenance, laboratories, and industrial cleaning.

◆ Typical Applications

- Thanks to its PE material properties of corrosion resistance, shatterproofness, light weight and easy grip, as well as reusability for refilling, coupled with the core advantages of the curved spout precise dosage control, drip-free performance, and access to hard-to-reach corners the curved-spout alcohol bottle is widely used in scenarios such as precision disinfection in laboratories, gap cleaning in electronic repairs, safe disinfection in medical care, parts maintenance in industrial production, and precision cleaning for daily home use/handicrafts. It not only solves the problems of "difficult dosage control, easy waste and leakage" associated with ordinary containers but also meets the targeted usage needs of different scenarios, making it practical and efficient.

◆ Typical Product Data and Physical Properties

PMaterial: HDPE (High-Density Polyethylene)
Color: Translucent Milky White
Density: 0.936~0.964 g/cm³
Temperature Resistance Range: -60℃~80℃
Notched Izod Impact Strength: ≥8.16 kJ/m²
Tensile Strength: ≥17.5 MPa
Water Absorption Rate: <0.01%

Availability:

物料编码	volume	Weight
1.2.18.02.0002	250ML	0.014kg
1.2.18.02.0001	500ML	0.035kg
1.2.18.02.0003	1000ML	0.07kg

◆ 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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