

## Sterilized Cotton Swab

### ◆ Product Description

Cleanroom swabs are specifically designed to meet the stringent requirements for cleanliness, cleaning precision, and material safety in industries with extremely high standards. With their unique sponge head material and meticulously engineered green rod structure, they ensure thorough removal of stains when handling various precision components and sensitive surfaces.



- Ultra-high water absorption
- High cleanliness with low residue
- Strong adsorption and solvent resistance
- High-quality materials with wide adaptability
- Designed for precision cleaning

### ◆ Product Structure

- Cleanroom swabs consist of imported high-density open-cell polyurethane sponge heads and anti-static green PP rods. The sponge heads undergo purification treatment and come in various shapes and sizes, while the green rods feature length options suitable for different scenarios and excellent bending resistance. The two components are firmly bonded via glue-free or food-grade adhesive processes, complying with dust-free and low-residue standards.

### ◆ Typical Applications

- Purifying cotton swabs are suitable for cleaning components in electronic manufacturing, wiping lenses of optical instruments, decontaminating medical equipment, removing debris from precision molds, and daily maintenance of devices such as printers. They are anti-static and highly clean, meeting the precise cleaning needs of various scenarios.

### ◆ Typical Product Data and Physical Properties

Cotton Head Material: High-Density Polyurethane Sponge

Rod Material: Polypropylene (PP)

Sponge Head Density: 100 PPI

Liquid Absorption Rate:  $\geq 300\%$

Tear Resistance:  $\geq 1.5\text{ N}$

Storage Temperature:  $5^{\circ}\text{C} - 35^{\circ}\text{C}$

### Availability:

| Item#          | Model    | Head Length | Shaft width | Shaft width | Packaging   |
|----------------|----------|-------------|-------------|-------------|-------------|
| 1.3.10.02.0037 | KB-636YC | 12MM        | 2.8MM       | 72MM        | 100 pcs/bag |
| 1.3.10.02.0038 | KB-647C  | 17MM        | 3.2MM       | 100MM       | 100 pcs/bag |
| 1.3.10.02.0039 | KB-622YC | 11MM        | 2.6MM       | 73MM        | 100 pcs/bag |
| 1.3.10.02.0040 | KB-664C  | 25.5MM      | 5.5MM       | 125MM       | 100 pcs/bag |
| 1.3.10.02.0041 | KB-709C  | 13.5MM      | 4MM         | 105MM       | 100 pcs/bag |
| 1.3.10.02.0042 | KB-632C  | 14MM        | 2.5MM       | 65MM        | 100 pcs/bag |

### ◆ 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 for reference only

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