



YST-741FS

Universal Swab



TECHNICAL DATA SHEET

Electronic Industry Swab
Cleanroom Universal
cleaning lint-free swab

P/N:YST-741FS

Technical Specification

- Model: YST-741FS
- Head material: 100 PPI polyurethane sponge
- Handle Material: 100% Polypropylene
- Handle Color: White (Green, Black, Blue available upon request)
- Standard Compliant: Class 10 ISO Class 4 Certification



Product Description

Our Cleanroom Sponge Swab YST-741FS has a tight sponge head and a sturdy round handle. Its 100 PPI open-cell polyurethane sponge head has good liquid absorption and is compatible with aggressive solvents for cleaning.

The handle is made of 100% polypropylene, durable and strong. **Foam Cleaning Swabs 741FS** are cleaned in a class 10 cleanroom facility, laminated by heat press technology to minimize contamination levels, free of organic pollutants such as silicone and amides.

We can provide **ESD anti-static plastic handles** and corresponding cotton swabs according to customer requirements.

Product features:

- Tight sponge head, sturdy round handle
- Open cell polyurethane sponge head
- Hot pressing technology lamination, avoiding adhesive pollution
- Good chemical solvent compatibility
- soft, not easy to wear
- Low non-volatile residue (NVR) content and low ionic content levels
- Free of silicones, amides and DOP
- Optional ESD anti-static plastic rod

Applications

1. For cleaning confined areas
2. Clean with IPA or other solvents
3. Using lubricant or other fluids
4. Removes flux residues and excess substances
5. For daily cleaning.

Environmental

Complies with RoHS and REACH requirements



Manufactured and marketed by
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Physical Characteristics

| | | | |
|------------------------|-----------------|--------------------------|-----------------|
| Head Material | Open Cell Foam | Handle Thickness | 2.4mm (0.094") |
| Head Width | 3mm (0.118") | Handle Length | 56.8mm (2.236") |
| Head Thickness | 2.6mm (0.102") | Total Swab length | 67.3mm (2.650") |
| Head Length | 10.5mm (0.413") | Head Bond | Thermal |
| Handle Material | Polypropylene | Handle Text | YOUSITE |
| Handle Width | 2.4mm (0.094") | | |

Product packaging:

- 500 Swabs/Bag;
- 5 Inner Bags of 100 Swabs;
- 50 Bags/Case

Contamination Characteristics :

| Property | Measurement | Test Method* |
|---------------------------------|---------------|---|
| Nonvolatile Residue(NVR) | | |
| IPA Extractant | 0.02 mg/swab | TM10: Procedure for Determining the Nonvolatile Residue (NVR) Extractable from Swabs in a Given Solvent |
| Ions | | |
| Chloride | 0.01 µg/swab | |
| Sulfate | <0.01 µg/swab | |
| Nitrate | <0.01 µg/swab | |
| Phosphate | <0.01 µg/swab | TM12: The Determination of Ions in Wipers and Other Materials by Capillary Ion Analysis (CIA) |
| Fluoride | <0.01 µg/swab | |
| Potassium | 0.01 µg/swab | |
| Calcium | <0.01 µg/swab | |
| Sodium | 0.01 µg/swab | |
| Magnesium | 0.01 µg/swab | |

*: Test procedures available upon request.

ESD Characteristics

Handle Resistivity $10^8 - 10^9$ Ohms/Sq (Optional)