



YST-742FS

Universal Swab



TECHNICAL DATA SHEET

Industrial Cleanroom Swab Universal Cleaning Lint-free swab

P/N:YST-742FS

Technical Specification

- Model: YST-742FS
- 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-742FS 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 742FS** 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	3mm (0.118")
Head Width	3mm (0.118")	Handle Length	58mm (2.283")
Head Thickness	2.8mm (0.110")	Total Swab length	70mm (2.756")
Head Length	12mm (0.472")	Head Bond	Thermal
Handle Material	Polypropylene	Handle Text	YOUSITE
Handle Width	3.0mm (0.118")		

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)