



## YST-746FS

# Medium Flex Paddle Foam Swab

### TECHNICAL DATA SHEET

Industrial Cleanroom Swab  
Flex Paddle Foam Swab  
Cleaning lint-free swab

P/N:YST-746FS

## Technical Specification

- Model: YST-746FS
- 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-746FS** features a medium-sized sponge head and handle.

The sponge head is made of **100PPI open-cell polyurethane**, which has good liquid absorption ability and tight locking ability. The handle is constructed of 100% polypropylene to provide firm support while cleaning.

**The sponge cleaning swab stick 746FS** is cleaned in a class 10 clean room facility, and the head and handle are bonded with heat pressing technology to avoid adhesive contamination. **It is suitable for cleaning the nozzles and ink stations of garment printing machines, UV inkjet printers, and ceramic inkjet printers.**

We can produce and provide corresponding special cleaning cotton swabs according to the needs of customers.

## Product features:

- Open cell polyurethane sponge head
- Heat press technology uses no adhesives or glues
- Excellent solvent absorption capacity and particle absorption capacity
- 100% pure polyalcohol sponge tip ensures no other contamination
- Low non-volatile residue (NVR) content and low ionic content levels
- Free of mechanical silicone, fragrance and DOP
- Optional ESD electrostatic plastic handle

## Applications

- Ideal for cleaning hard-to-reach areas
- Clean small parts in the machine
- Removes oils, glues and adhesives
- Removes flux residues on PCB
- Adsorbed particles
- for daily cleaning

Complies with RoHS and REACH requirements



Manufactured and marketed by  
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## Physical Characteristics

<b>Head Material</b>	Open Cell Foam	<b>Handle Thickness</b>	3.2mm (0.126")
<b>Head Width</b>	6mm (0.236")	<b>Handle Length</b>	72mm (2.835")
<b>Head Thickness</b>	5mm (0.197")	<b>Total Swab length</b>	90mm (3.543")
<b>Head Length</b>	18mm (0.709")	<b>Head Bond</b>	Thermal
<b>Handle Material</b>	Polypropylene	<b>Handle Text</b>	YOUSITE
<b>Handle Width</b>	3.2mm (0.126")		

## Product packaging:

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

## Contamination Characteristics :

Property	Measurement	Test Method*
<b>Nonvolatile Residue(NVR)</b>		
IPA Extractant	0.02 mg/swab	TM10: Procedure for Determining the Nonvolatile Residue (NVR) Extractable from Swabs in a Given Solvent
<b>Ions</b>		
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)