

## 2.5mm Fiber Optic Foam Swab

**Product# 48040, 48042F**

### Product Description

Coventry™ Sealed Foam Swabs are constructed from reticulated 100 pores per inch medical grade foam which features the best open cell structure, providing excellent particle entrapment characteristics. The foam is thermally bonded to the swab handle without using adhesives. These swabs are the most economical and are ideal for general applications.

- Traps surface particles while cleaning
- High solvent capacity; holds solvent well
- Fiberless construction does not generate loose fibers or particles
- No adhesives or binders are used in the construction
- Economical for high quantity applications
- Sized to fit 2.5mm fiber optic connectors
- Soft polyurethane foam will not scratch surfaces

### Typical Applications

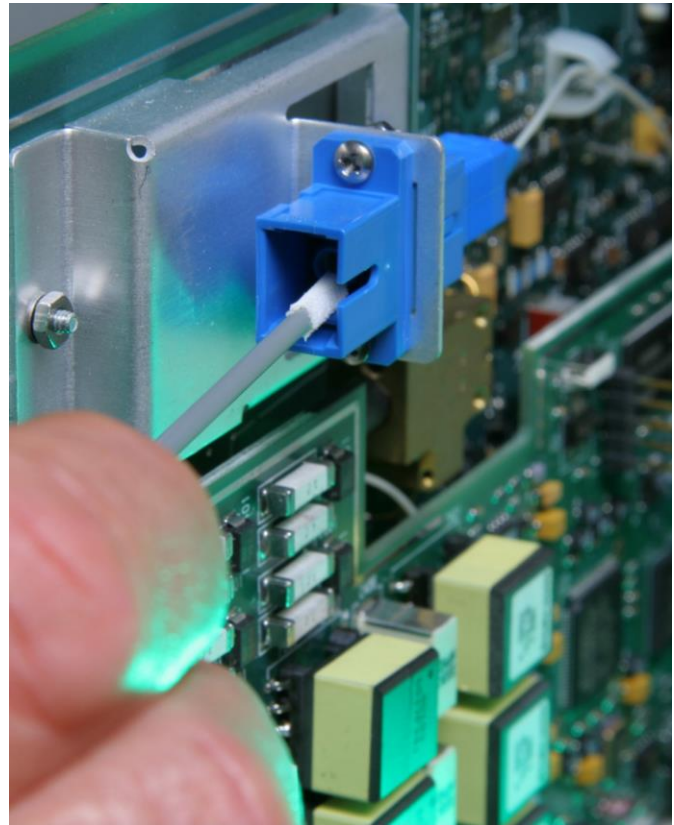
Coventry™ Sealed Foam Swabs can be used to:

- Remove particulate and oily contaminants from 2.5mm fiber optic connector end faces
- Effective as end face cleaner in back plane applications when used in the Combination Cleaning Process with the Waterbased FiberWash Liquid and the QbE Wiper.
- To Clean excess adhesives after gluing
- Precision application of lubricants and solvents
- 2.5mm alignment sleeve cleaning
- Micro mechanical cleaning

### Compatibility

**Foam Heads** are compatible with most common solvents such as isopropyl alcohol, and methanol. Not recommended for use with ketones such as acetone or methyl ethyl ketone.

**Polypropylene Handles** are generally compatible with all common solvents including most dilute or weak acids.



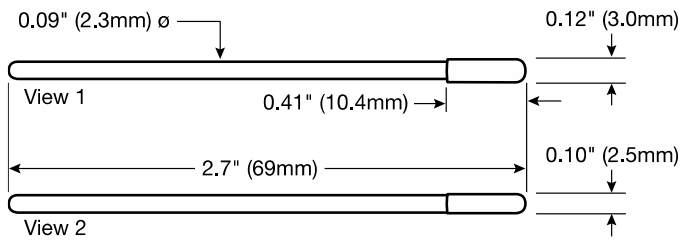
### Availability

**48040** 2.75 " (6.8 cm) Polypropylene Flexible Tip  
0.12" (3.0 mm) Foam Head, 500/ bag

**48042F** 2.75 " (6.8 cm) Polypropylene Flexible Tip  
0.12" (3.0 mm) Foam Head, 50/ tube

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48040/48042F

### Sealed Foam Swabs Test Data

Head Material	Sealed Foam
<b>Swabs:</b>	<b>48040/48042F</b>
<b>Particle Counts:</b>	
0.5 - 1 $\mu\text{m}$	797
1.0 - 2 $\mu\text{m}$	230
2.0 - 5 $\mu\text{m}$	66
5.0 - 10 $\mu\text{m}$	24
10 - 25 $\mu\text{m}$	11
Over 25 $\mu\text{m}$	2
TOTAL	1,130
<b>NVR</b> ( $\mu\text{g}/\text{swab}$ )	none detected
<b>Chlorides</b> ( $\mu\text{g}/\text{swab}$ )	none detected

The swabs were tested by Particle Measurement Technology. All the swabs tests were done using the recommended practices of the Institute of Environmental Science, Swabs and Wipes Working Group.

### Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions. The toll free number is: 1-800-TECH-401

### 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. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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