

# COVENTRY™ Clean Room Products

Division of ITW Chemtronics®

## Sealed Foam Swabs

TDS # 4000

### 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
- Available Aqua-Prime™ processed

### TYPICAL APPLICATIONS

Coventry™ Sealed Foam Swabs can be used to:

- Clean Excess Adhesives After Gluing
- Remove Contamination from Disk Drives
- Micro Mechanical Cleaning
- Maintenance and Care of Fax machines VCR's PC's Printers, and Copiers
- Remove flux residue from printed circuit boards
- Good for general purpose 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.

Wood Handles are generally compatible with all solvents except with dilute or weak acids.

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

### AVAILABILITY

**41050** 2.80 " (7.2 cm) Polypropylene Handle  
0.14" (3.56 mm) Foam Head, 500/ bag

**41050I** Cleaned using Aqua-Prime™ process

**43170** 6.0 " (15.24 cm) Wood, Foam Over Cotton  
0.35" (8.8 mm) Head, 500/ bag

**44070** 3.2 " (8.0 cm) Polypropylene Handle  
0.13" (3.3 mm) Foam Head, 500/ bag

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

**49280** 6.5 " (16.4 cm) Polypropylene Flexible Tip  
0.19" (4.7 mm) Foam Head, 500/ bag

#### MANUFACTURED BY:

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REV. (12/04)

**TECHNICAL HOT LINE 1-800-TECH-401**

# Sealed Foam Swabs Test Data

Head Material	Sealed Urethane Foam		
<b>Swabs:</b>	<b>41050</b>	<b>41050I</b>	<b>48040</b>
Head Diameter	0.14" (3.56 mm)	0.14" (3.56 mm)	0.12" (3.0 mm)
Handle Length	2.80" (7.2 cm)	2.80" (7.2 cm)	2.75" (7.0 cm)
<b>Particle Counts:</b>			
0.5 - 1 um	571	485	797
1.0 - 2 um	96	63	230
2.0 - 5 um	37	18	66
5.0 - 10 um	31	13	24
10 - 25 um	19	8	11
over 25 um	9	1	2
<b>TOTAL</b>	<b>762</b>	<b>586</b>	<b>1,130</b>
<b>NVR</b> (ug/swab)	none detected	none detected	none detected
<b>Chlorides</b> (ug/swab)	none detected	none detected	none detected

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

## TECHNICAL AND APPLICATION ASSISTANCE

Coventry™ Clean Room Products provides A technical hotline to answer your technical And application related questions.

The toll free number is: **1-800-TECH-401**

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