

# COVENTRY™ Clean Room Products

Division of ITW Chemtronics ®.

## Static Dissipative Technology

TDS # ESDswabs

### PRODUCT DESCRIPTION

**Static Dissipative Technology Swabs** have been engineered to eliminate static electricity concerns. The handle of these Coventry swabs are static dissipative. They are non-contaminating and have excellent solvent compatibility, even in acetone. These swabs are a perfect choice for cleaning static sensitive components and working around static sensitive parts. These handles are available with sealed foam or fabric swabs.

- Excellent solvent resistance
- Surface resistivity of 10 EE10 ohms/sq.
- Low ionic, nonvolatile residue, and particulate contamination
- No Humidity Dependency
- No Amines
- No Silicones
- No Static Dissipative Coatings
- No Tribo-charge generated
- Handles will dissipate 99% of (5 kV) charge in 0.5 seconds

### COMPATIBILITY

Fabric Swabs are generally compatible with most common solvents including dilute or weak acids.

Foam Swabs are compatible with most common solvents such as isopropyl alcohol and methanol. Foam swabs are typically not recommended for use with acetone or MEK.

### Sealed Fabric Swabs

- Proprietary single step sealing process
- Excellent strength and solvent compatibility
- Does not generate loose fibers or particles
- Head is thermoformed and welded to the handle; no adhesives or binders used
- Ultra-low ionic, nonvolatile residue, and particle contamination
- Aqua Prime™ processed available

**31040ESD** 2.8 " (7.1 cm) Blue handle  
0.12" (3.0 mm) Knit Polyester  
head, 500/ bag

**36060ESD** 5.8 " (14.7 cm) Blue handle  
0.21" (5.4 mm) Knit Polyester  
head, 500/ bag

**38040ESD** 2.7 " (6.9 cm) Blue handle  
0.12" (3.0 mm) Knit Polyester  
Flexible Tip head, 500/ bag

**38140ESD** 2.7"(6.9 cm) Blue handle  
0.12" (3.0 mm), Knit Polyester  
*thin 0.06" (1.6 mm)* head,  
500/ bag

### AVAILABILITY

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### Sealed Foam Swabs

- 100 pores per inch medical grade foam
- Traps surface particles while cleaning
- High solvent capacity; holds solvent well
- Fiberless construction does not generate loose fibers or particles
- Foam is thermally bonded to the swab; no adhesives or binders are used

**41050ESD**      2.8" (7.2 cm) Blue handle,  
0.14" (3.5 mm) Foam head,  
500/ bag

**44070ESD**      3.2" (8.0 cm) Blue handle,  
Conical Foam head 0.13"  
(3.3 mm) at base, 0.03"  
(0.76 mm) at tip, 500/ bag

**48040ESD**      2.7" (6.8 cm) Blue handle,  
Foam head 0.12" (3.0 mm)  
Flexible Tip head, 500/ bag

### **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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Swab™, are trademarks of ITW Chemtronics. All rights  
reserved.

### Wrapped Fabric Swabs

- No edge seamless head design
- High strength, durable head
- Low particulate and nonvolatile residue
- Excellent solvent compatibility
- No adhesives or binders are used in the Construction
- Aqua Prime™ processed available

**51353ESD**      2.8" (7.1 cm) Blue handle,  
0.12" (3.0 mm) at head tip  
0.18" (4.8 mm) at head base  
0.16" (4.1 mm) average width  
The Diamond Swab™, Tubular  
Knit Polyester wrapped head,  
100/ bag

#### **MANUFACTURED BY:**

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#### **DISTRIBUTED BY:**