# COVENTRY\*\* Clean Room Products

Division of 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**

<u>Fabric Swabs</u> are generally compatible with most common solvents including dilute or weak acids.

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

### **AVAILABILITY**

### **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<sup>TM</sup> 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

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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<sup>TM</sup> 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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### **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<sup>TM</sup> 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<sup>TM</sup>, Tubular Knit Polyester wrapped head,

100/ bag

COVENTRY<sup>TM</sup> Clean Room Products

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