

COVENTRY™ Clean Room Products

Division of Chemtronics.

TDS # ESDswabs

Static Dissipative Technology

PRODUCT DESCRIPTION

Static Dissipative Technology Swabs have been engineered to eliminate static electricity concerns. The handles 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^{10} 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.

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™ 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

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

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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