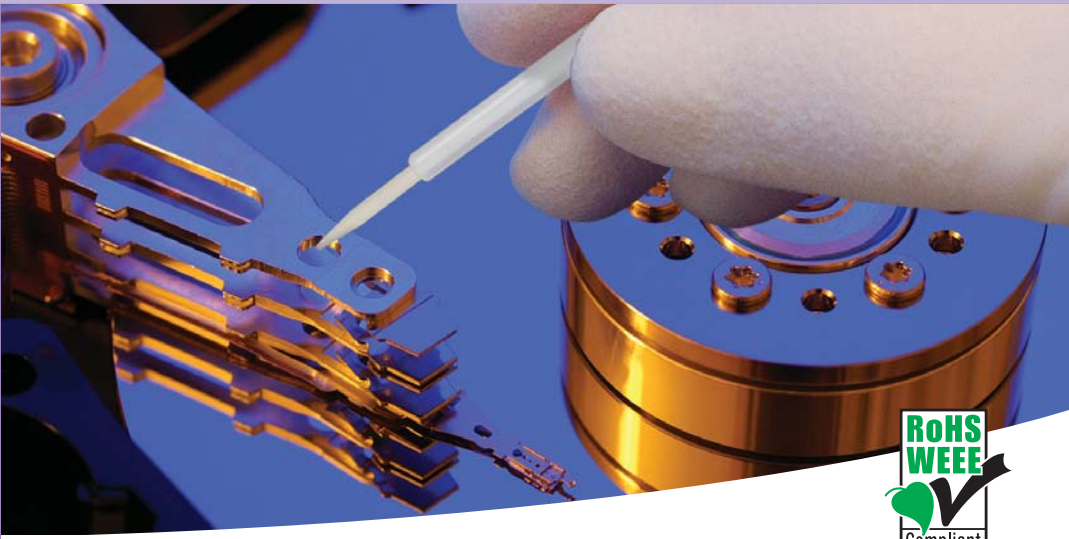


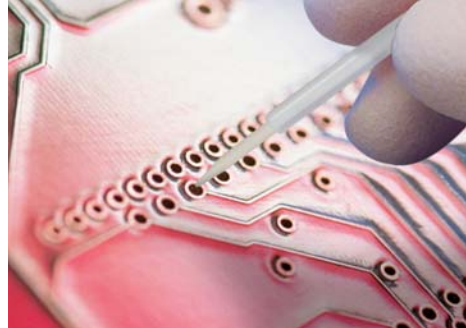
Chemtronics® Swabs and Applicators are engineered for use in a variety of environments and applications. They are ideal for use with our cleaner degreasers, head cleaners, flux removers and other solvents for fast, precision cleaning. From the innovative no-lint Chamois Tips™ Swab to the general purpose Cottontips™ Swab, Chemtronics® has the right swab or applicator for your job.



## Microtips™

Precision applicator for pinpoint solvent, adhesive and lubricant application

- Porous polyvinylidene fluoride-tipped precision applicator and cleaning tool
- Low extractables and particulate levels
- Compatible with most solvents
- 1.9 mm tapered tip
- Excellent choice for dispensing and dispersing solvents, adhesives and primers
- Effective as a stylus or pick



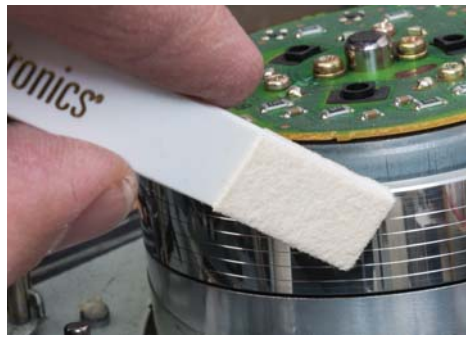
Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
CM502	50 swabs	6.7" 17.0 cm	0.13" x 0.13" 3.3 mm x 3.3 mm	0.62" 15.7 mm	0.07" 1.93 mm	polypropylene	polyvinylidene fluoride



## Chamois Tips™

Ideal swab for cleaning magnetic and optical, audio and video heads

- Synthetic chamois cloth head
- Material is free of oils and residues
- Flexible handle bends to clean hard-to-reach areas
- Bonded without adhesives
- Seamless construction
- Effectively cleans excess ink from ink jet cartridges



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
CC50	50 swabs	3.25" 8.25 cm	0.38" x 0.07" 9.6 mm x 1.7 mm	0.88" 22.3 mm	0.38" 9.6 mm	ABS (acrylonitrile-butadiene-styrene)	synthetic chamois cloth

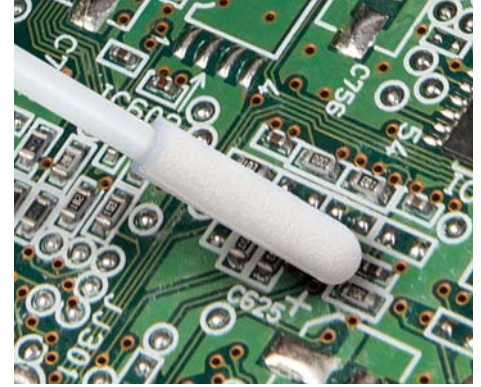


# Swabs and Applicators

## Foamtips™

Highly absorbent precision cleaning swab with a wide variety of head sizes and shapes

- Precision cleaning swabs with 100 ppi polyurethane open cell foam head
- Purest medical grade foam
- Foamtips™ Pro swab (CFP50) has a blue scrubber side and a soft absorbent side
- Available in a variety of head sizes and shapes with various handle lengths



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
Foamtips™ Pro CFP50	50 swabs	6.75" 17.1 cm	0.20" x 0.13" 4.8 mm x 3.3 mm	white head: 0.75" 19.1 mm	white head: 0.44" 11.1 mm	polypropylene	white side: 100 ppi open cell foam
				blue/white head: 0.69" 17.5 mm	blue/white head: 0.28" 7.1 mm		blue side: 75 ppi open cell



Foamtips™ #100 CF50	50 swabs	6.10" 15.5 cm	0.06" x 0.06" 1.5 mm x 1.5 mm	0.88" 22.3 mm	0.38" 9.6mm	wood	100 ppi open cell foam
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Foamtips™ #110 CF1050	50 swabs	5.00" 12.7 cm	0.19" x 0.13" 4.8 mm x 3.3 mm	0.38" 9.7 mm	0.82" 20.8 mm	polypropylene	100 ppi open cell foam
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Foamtips™ #120 CF2050	50 swabs	5.12" 13.0 cm	0.19" x 0.05" 4.8 mm x 1.3 mm	1.00" 25.4 mm	0.50" 12.7 mm	polypropylene	100 ppi open cell foam
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Foamtips™ #130 CF3050	50 swabs	6.00" 15.4 cm	0.13" x 0.13" 3.3 mm x 3.3 mm	0.75" 19.0 mm	0.25" 6.3 mm	polypropylene	100 ppi open cell foam
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Foamtips™ #140 CF4050	50 swabs	2.87" 7.3 cm	0.10" x 0.10" 2.7 mm x 2.7 mm	0.50" 12.7 mm	0.19" 4.8 mm	polypropylene	100 ppi open cell foam
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## Flextips™

Ideal flexible head for cleaning optics and small confined areas

- Superior flexibility
- Nonabrasive
- Provides gentle cleaning of sensitive surfaces
- 100 ppi open cell foam head
- Made without adhesives or glue



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
Flextips™ CX50	50 swabs	4.45" 11.3 cm	0.16" x 0.16" 4.0 mm x 4.0 mm	0.81" 20.5 mm	0.25" 6.3 mm	nylon/polypropylene	100 ppi open cell foam



Flextips™ Mini CXM50	50 swabs	4.13" 10.5 cm	0.16" x 0.16" 4.0 mm x 4.0 mm	0.53" 13.5 mm	0.19" 4.8 mm	nylon/polypropylene	100 ppi open cell foam
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## Super Flextips™

Durable flexible head for more aggressive cleaning

- Extra durability
- Nonabrasive
- Provides gentle cleaning of sensitive surfaces
- 100 ppi open cell foam head
- Made without adhesives or glue



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
Super Flextips™ SX50	50 swabs	4.45" 11.3 cm	0.16" x 0.16" 4.0 mm x 4.0 mm	0.81" 20.5 mm	0.25" 6.3 mm	nylon/polypropylene	100 ppi open cell foam



Super Flextips™ Mini SXM50	50 swabs	4.13" 10.5 cm	0.16" x 0.16" 4.0 mm x 4.0 mm	0.53" 13.5 mm	0.19" 4.8 mm	nylon/polypropylene	100 ppi open cell foam
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# Swabs and Applicators

## Cottontips™




Economical swab designed for general cleaning applications

- 100% pure pharmaceutical grade bleached white cotton head
- Soft and highly absorbent
- Compatible with most solvents
- Available with single or double head
- Rigid wooden handle

## Cottontips™ Low Lint

Low particulate economical swab designed for precision cleaning applications

- Special low lint cotton fibers used for critical, low particle applications
- 100% pure pharmaceutical grade bleached white cotton head
- Soft and highly absorbent
- Soft and highly absorbent
- Rigid wooden handle

Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
<b>Cottontips™ Single-Head</b>							
CT100	100 swabs	6.00" 15.2 cm	0.08" x 0.08" 2.0 mm x 2.0 mm	0.63" 16 mm	0.19" 4.8 mm	wood	cotton
							
<b>Cottontips™ Double-Head</b>							
CT200	100 swabs	6.00" 15.2 cm	0.08" x 0.08" 2.0 mm x 2.0 mm	0.63" 16 mm	0.19" 4.8 mm	wood	cotton
CT2000	1000 swabs	6.00" 15.2 cm	0.08" x 0.08" 2.0 mm x 2.0 mm	0.63" 16 mm	0.19" 4.8 mm	wood	cotton
							
<b>Cottontips™ Low Lint</b>							
CT5000	1000 swabs	6.00" 15.2 cm	0.08" x 0.08" 2.0 mm x 2.0 mm	0.63" 16 mm	0.19" 4.8 mm	wood	cotton
							

## Cottontips™ Precision



Low particulate cotton swab designed for precision applications

- Tightly wrapped head construction
- Small size for delicate precision cleaning
- Extremely Low linting
- High absorbency capacity and rate
- Good solvent compatibility
- Soft round tip point
- Non-static generating
- Rigid wooden handle

## Cottontips™ MicroPoint

Low particulate, pointed cotton swab, designed for precision applications

- Tightly wrapped head construction
- Small size for delicate precision cleaning
- Extremely Low linting
- High absorbency capacity and rate
- Good solvent compatibility
- Sharp point
- Non-static generating

Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
<b>Cottontips™ Precision</b>							
CCT2025W	25 swabs	3.07" 7.8 cm	0.09" x 0.09" 2.3 mm x 2.3 mm	0.71" 18 mm	0.19" 4.7 mm	wood	cotton
							
<b>Cottontips™ MicroPoint</b>							
CCT2425	25 swabs	3.0" 7.5 cm	0.06" x 0.06" 1.5 mm x 1.5 mm	0.47" 12 mm	0.12" 3.0 mm	composite	cotton
							

# Swab Selection Guide

	Wrapped Polyester Swab	Microfiber Swabs	Sealed Polyester Swabs	ESD Polyester Swabs	Sealed Foam Swabs	ESD Foam Swabs	Wrapped Foam Swabs	Comments and Selected Product Recommendation and Examples
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## Classification Fed209D

## 209E / ISO

Class 1-10	1	2	2	2	3	3	3	M1–M3/ISO 3-4
Class 10-100	1	1	1	1	2	2	2	M3–M4/ISO 4-5
Class 100-10,000	2	1	1	1	1	1	1	M4–M6/ISO 5-7
Controlled Environment	3	2	2	2	1	1	1	

## Industries

Optics	1	1	1	2	2	2	2	38040, 38540
Aerospace	1	1	1	1	2	2	2	36060
Disk Drive	1	1	1	1	1	1	1	38040, 41050, 48040, 44070ESD
Fiber Optics	2	1	1	1	1	1	1	25123, 25183, 48040, 38140, 38540
Life Sciences	1	1	1	2	2	2	2	36060, 36061I, 36850, 52121
Medical Devices	1	1	1	1	1	1	1	41050, 48040, 44070, 44070ESD
Semiconductors	1	1	1	2	2	2	2	51353I

## Uses

Tight Crevices	2	1	1	1	2	2	2	34860, 44070
Particle Removal	1	1	1	1	1	1	1	41050, 48040, 38040
Microscopic Work	2	1	1	1	1	1	2	34860, 44070
Cleaning Validation	1	1	1	2	3	3	3	36060, 36061I, 36850, 51121, 52121
Applying Adhesives	2	1	1	2	2	2	1	51353, 21050, 20050, 20080
Applying Lubricants	1	1	1	2	2	1	1	51353, 21050, 20050, 20080
Cleaning Static Sensitive Parts	3	3	3	1	3	1	3	36060ESD, 31040ESD

## Properties

Low NVR	1	1	1	1	2	2	2	51353, 38040, 31040ESD, 36060
Non-Abrasive	1	1	2	3	2	2	1	52121, 51121, 51353
Acid Resistance	1	1	1	1	2	2	2	All
Alkali Resistance	2	1	2	2	2	2	2	36850, 34860
Solvent Resistance	1	1	1	1	2	2	2	All
Low Ionic Contaminants	1	1	1	1	2	2	2	All
Snag and Abrasion Resistance	3	1	1	1	2	2	3	36850, 34860, 38040, 31040ESD

1– Excellent Performance, Recommended Application

2– Good Performance

3– Possible Performance but Not Recommended

## Coventry™ Wrapped Polyester Pillow-Tip™ Swabs

Cleanroom washed fabric formed into a unique solvent-retaining swab

Engineered for unique applications requiring a combination of high solvent retention with the cleanliness of Class 10 (ISO Class 4) processed polyester. Seamless design is lint free. High-strength, adhesive-free swab, durable head construction. Pillow-tip swabs offer cotton bud characteristics without the fibers, lint and contamination of cotton. Glass filled nylon handles are rigid like wooden handles but are cleanroom grade.



*Aqua-Prime available for special cleaning validation demands. Call 1-800-TECH-401 for details.*



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
51121	25 swabs	2.8" 7.1 cm	0.10" 2.5 mm	0.40" 10.2 mm	0.25" x 0.23" 6.5 mm x 5.7 mm	glass filled nylon	knit polyester



52121	25 swabs	6.3" 15.9 cm	0.12" 3.1 mm	0.40" 10.2 mm	0.26" x 0.24" 6.5 mm x 6.0 mm	glass filled nylon	knit polyester
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## Coventry™ Wrapped Polyester Diamond™ Swabs

Seamless, edgeless wrapped polyester swab

The patented Diamond™ Swab has a wrapped tubular knit polyester construction which eliminates all seams and cut edges where most particles are generated. Eliminating hard seams also reduces the potential for scratching delicate surfaces. The wrapped design also creates superior absorbency by wicking action.

U.S. Patent numbers 5214821 and 5346287 and foreign patents.

51353I cleaned with Aqua-Prime™ process.



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
51353	100 swabs	2.8" 7.1 cm	0.10" 2.6 mm	0.78" 19.8 mm	0.16" x 0.16" 4.1 mm x 4.1 mm	glass filled nylon	tubular knit polyester



*For extra cleanliness*

51353I	100 swabs	2.8" 7.1 cm	0.10" 2.6 mm	0.78" 19.8 mm	0.16" x 0.16" 4.1 mm x 4.1 mm	glass filled nylon	tubular knit polyester
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## Coventry™ Sealed Polyester Swabs

Exceptionally clean, tough and durable swabs






An exceptionally clean swab produced by Coventry's proprietary process of forming and welding the swab head without the use of adhesives. Featuring either knit or nonwoven fabric heads, these swabs are acid and solvent resistant. Sealed edges build in high strength with no loose fibers or particulates. Coventry sealed polyester swabs have the strongest seams available and will not split. They are ideal for tough scrubbing around raised shapes. Class 10 (ISO Class 4) processing gives you low ionic, nonvolatile residue and particle contaminants.

36061I cleaned with Aqua-Prime™ process.



**Aqua-Prime** available for special cleaning validation demands. Call 1-800-TECH-401 for details.



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
36060	500 swabs	5.8" 14.7 cm	0.12" 3.1 mm	0.75" 18.9 mm	0.19" x 0.21" 4.7 mm x 5.4 mm	polypropylene	knit polyester
 For extra cleanliness							
36061I	25 swabs	5.8" 14.7 cm	0.12" 3.1 mm	0.75" 18.9 mm	0.19" x 0.21" 4.7 mm x 5.4 mm	polypropylene	knit polyester
							
36850	500 swabs	5.8" 14.7 cm	0.12" 3.1 mm	0.75" 18.9 mm	0.19" x 0.21" 4.7 mm x 5.4 mm	polypropylene	knit poly/nylon microfiber
							
34860*	500 swabs	2.8" 7.1 cm	0.09" 2.3 mm	0.47" 11.9 mm	0.10" x 0.10" 2.6 mm x 2.6 mm	polypropylene	knit poly/nylon microfiber
							<i>Conical Fabric Swab, 34860, is patented, U.S. Patent number 6629329.</i>
38040	500 swabs	2.7" 6.9 cm	0.09" 2.3 mm	0.44" 11.2 mm	0.09" x 0.12" 2.4 mm x 3.0 mm	polypropylene flexible tip	knit polyester
							
38140	500 swabs	2.7" 6.9 cm	0.09" 2.3 mm	0.48" 12.1 mm	0.06" x 0.12" 1.6 mm x 3.0 mm	polypropylene flexible tip	knit polyester
							
38540	500 swabs	2.7" 6.9 cm	0.09" 2.3 mm	0.46" 11.7 mm	0.04" x 0.12" 1.0 mm x 3.0 mm	polypropylene flexible tip	nonwoven polyester
							

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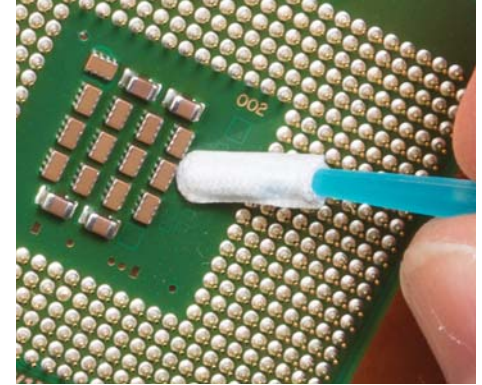
A full line of swabs designed specifically for cleaning fiber environments.

## Coventry™ ESD Static Control Swabs

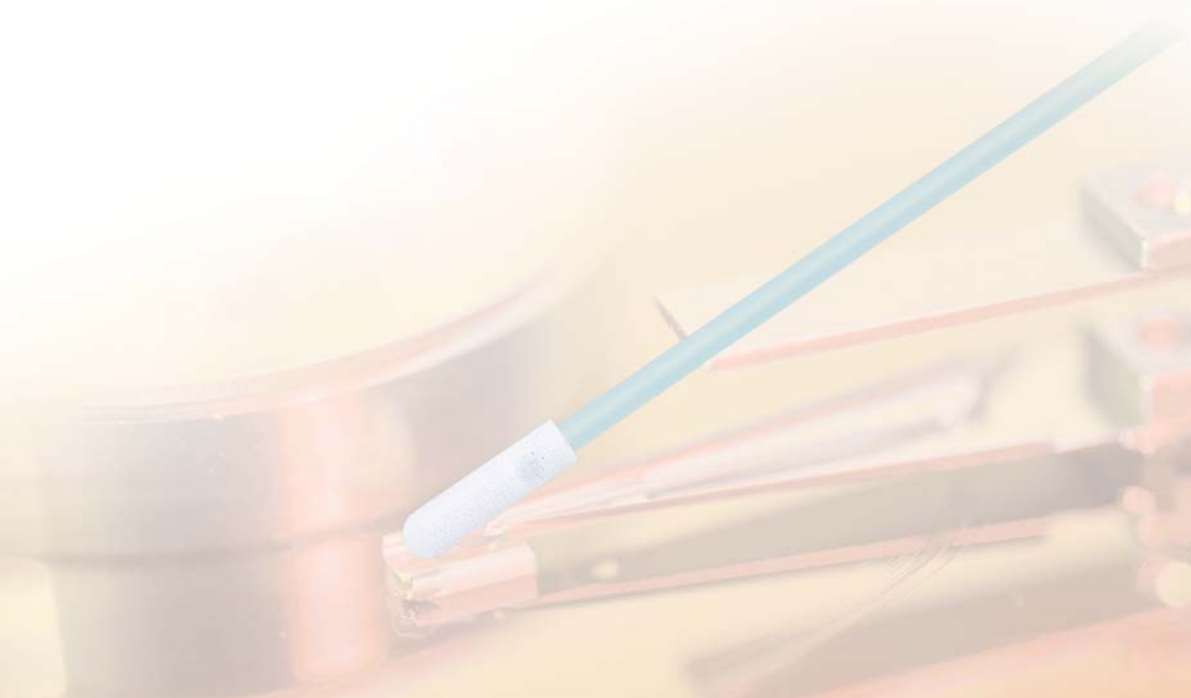
Protects components from destructive static discharge



Engineered to eliminate damage from static electricity. The handles of these swabs will dissipate 99% of a 5,000 volt (5 KV) charge in less than 2.0 seconds. The static dissipative plastic alloy used to make the handles is inherently static dissipative. It contains no additives, coatings or surfactants so it functions at any level of humidity and it is very resistant to solvents — even acetone. Choose between our Class 10 (ISO Class 4) laundered polyester or 100 pore-per-inch ultraclean polyurethane foam.



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
36060ESD	500 swabs	5.8" 14.7 cm	0.12" 3.1 mm	0.75" 18.9 mm	0.19" x 0.21" 4.7 mm x 5.4 mm	ESD	knit polyester
31040ESD	500 swabs	2.8" 7.2 cm	0.10" 2.7 mm	0.44" 11.0 mm	0.12" x 0.12" 3.1 mm x 3.1 mm	ESD	knit polyester
41050ESD	500 swabs	2.8" 7.2 cm	0.10" 2.6 mm	0.40" 10.2 mm	0.13" x 0.14" 3.3 mm x 3.5 mm	ESD	polyurethane foam
44070ESD	500 swabs	3.2" 8.0 cm	0.10" 2.4 mm	0.39" 9.9 mm	0.11" x 0.13" 2.7 mm x 3.3 mm	ESD	polyurethane foam





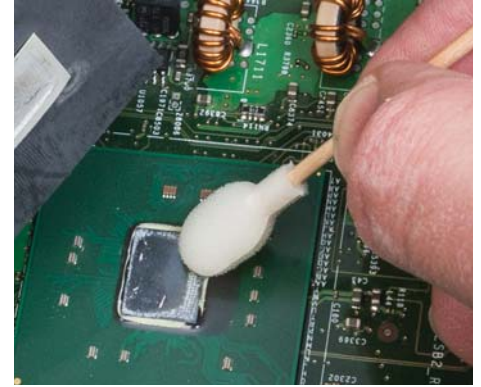
## Coventry™ Sealed Foam Swabs

Economical versatile cleanroom swabs

The most cost-effective swabs for general-purpose applications. 100 ppi reticulated medical-grade foam provides excellent particle entrapment. The open-cell structure gives the best solvent holding capacity of any style of swab. These swabs are free of adhesives or binders that could contaminate your process. Fiberless construction does not generate particles.



*Aqua-Prime available for special cleaning validation demands. Call 1-800-TECH-401 for details.*



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
41050	500 swabs	2.8" 7.2 cm	0.10" 2.6 mm	0.40" 10.2 mm	0.13" x 0.14" 3.3 mm x 3.5 mm	polypropylene	polyurethane foam

**AQUA PRIME** For extra cleanliness:

41050I	500 swabs	2.8" 7.2 cm	0.10" 2.6 mm	0.40" 10.2 mm	0.13" x 0.14" 3.3 mm x 3.5 mm	polypropylene	polyurethane foam
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43170	500 swabs	6.0" 15.2 cm	0.09" 2.2 mm	0.80" 20.3 mm	0.33" x 0.35" 8.4 mm x 8.8 mm	wood	polyurethane foam over cotton
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44070	500 swabs	3.2" 8.0 cm	0.10" 2.4 mm	0.39" 9.9 mm	0.11" x 0.13" 2.7 mm x 3.3 mm	polypropylene	polyurethane foam
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48040	500 swabs	2.7" 6.8 cm	0.09" 2.2 mm	0.41" 10.5 mm	0.10" x 0.12" 2.5 mm x 3.1 mm	polypropylene	polyurethane foam
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49280	500 swabs	6.5" 16.4 cm	0.12" 3.1 mm	0.68" 17.3 mm	0.18" x 0.19" 4.7 mm x 4.7 mm	polypropylene	polyurethane foam
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## Coventry™ Wrapped Foam Swabs

Durable wrapped foam swabs designed for precise applications

Our wrapped foam swabs provide good particle entrapment and work very well as adhesive, lubricant and solvent applicators. With the most durable head of any foam swabs, wrapped foam delivers superior abrasion resistance for removal of tough contaminants. Wicking action pulls solvent from surfaces. The small tips on some of the styles allow use in very tight tolerance areas, while the pointed ends work especially well as picks.



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
20050	500 swabs	2.6" 6.7 cm	0.09" 2.2 mm	1.06" 27.0 mm	0.12" x 0.12" 3.1 mm x 3.1 mm	wood	polyurethane foam
20080	500 swabs	2.6" 6.7 cm	0.09" 2.2 mm	0.89" 22.6 mm	0.11" x 0.11" 2.8 mm x 2.8 mm	wood	polyurethane foam
21050	500 swabs	2.8" 7.1 cm	0.10" 2.5 mm	1.08" 27.5 mm	0.14" x 0.14" 3.7 mm x 3.7 mm	nylon	polyurethane foam

## Coventry™ Ionizer Tip Cleaner

The compact, convenient tool for cleaning tips on ionizing grid systems

Designed to make cleaning the tips of ionization equipment simple and safe. Maintains the efficiency of these critical ionizing devices. Self contained ampule contains pure IPA and water for quick thorough removal of contamination on ionization tips.

- Controls tip build-up
- Recommended and used by leading manufacturers of ionizing systems

Product Name	Part Number	Quantity
Ion Emitter Tip Cleaner	2702	20 per bag



## Fiber Optic Cleaning Swabs

### 2.5mm Precision Fiber Optic Swabs

Ideal precision cleaning swab for cleaning 2.5 mm fiber optic connectors

- Scientifically designed head conforms to a connector face
- Wrapped foam swabs provide outstanding particle entrapment from alignment sleeves and prevents back plane contamination
- No fibers, adhesives, or binders
- Soft foam tip provides superior abrasion resistance, will not damage end face or test equipment
- Wicking action of foam quickly pulls solvent from surfaces
- Can be used with Electro-Wash® cleaners for hard-to-remove soils
- Patented — U.S. Patent numbers 6523908 and 6393651, and foreign patents



#### Applications:

- Efficient and safe swab for cleaning fiber optic backplane bulkhead connections
- Ideal for 2.5 mm connectors

**25183** 100 swabs per bag

Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
6.0" / 15.24 cm	0.08" / 2.0 mm	1.0" / 2.54 cm	0.10" / 2.5 mm	0.10" / 2.5 mm	Polypropylene	Proprietary Foam Material



### 2.5 mm Fiber Optic Foam Swabs

Versatile, effective, and cost-efficient swab for cleaning end faces and equipment test ports.

- 2.5mm Flexible swab head conforms to connector face
- No adhesives, binders, or fibers to leave residues
- Can be used with all Electro-Wash® and Fiber-Wash™ Precision Fiber Optic Cleaners for all types of soils and contaminants
- Available in bulk packaging or durable, field-ready, transparent tubes

#### Applications:

- Cleans 2.5 mm connectors and ferrules
- Cleans Test Equipment Ports

**48040** 500 swabs per bag

**48042F** 50 swabs per tube



Durable, field-ready packaging



Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
2.7" / 6.8 cm	0.09" / 2.2 mm	0.41" / 10.5 mm	0.10" / 2.5 mm	0.12" / 3.0 mm	Polypropylene	Polyurethane Foam



## Fiber Optic Cleaning Swabs

### 2.5 mm Torque-Tube Swab

Knurled grip handle swab for better gripping, cleaning end face and alignment sleeves

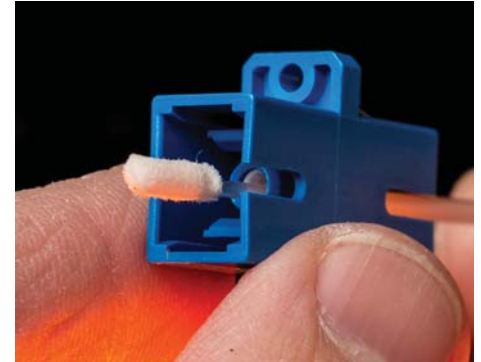
- Long, 6" super grip handle; 2.5mm precision swab tool for back plan
- Flexible swab head conforms to connector face
- 2.5mm Fiber Optic Foam Swab provides outstanding particle entrapment
- No adhesives, binders, or fibers to leave residues
- Open-cell structure gives the best solvent holding capacity, enables less solvent to do more work
- Patent pending

#### Applications:

- Cleans 2.5 mm connectors and ferrules
- Cleans Test Equipment Ports



Durable, field-ready packaging



**48062F** 50 swabs per tube

Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
6.0" / 15.2 cm	0.09" / 2.2 mm	0.41" / 10.5 mm	0.10" / 2.5 mm	0.12" / 3.0 mm	Polypropylene	Polyurethane Foam



### 1.25mm Fiber Optic Sleeve Cleaning Swab

Ideal tool for cleaning 1.25 mm fiber optic sleeves, back plane connections, and polishing pucks

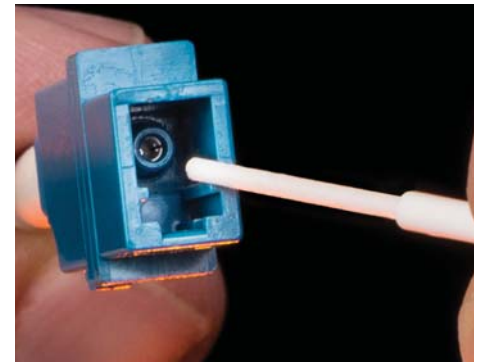
- Specifically designed to clean all 1.25 mm alignment sleeves, adapters and 1.25 mm back plane connections
- Free of fibers, adhesives, and binders that can generate residue
- Contains no seams or sharp surfaces that can generate particles or cause scratches
- Patented — US Patent 6,795,998 and foreign patents
- Available in bag packaging or durable, field-ready, transparent tubes

#### Applications:

- Clean 1.25mm fiber optic end faces and alignment sleeves
- Removal of slurry from 1.25 mm ferrule polishing fixtures
- Clean 1.25mm test ports



Durable, field-ready packaging



**25123X** 100 swabs per bag

**25125F** 15 swabs per tube

**26122F** 50 swabs per tube

Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
6.0" / 15.24 cm	0.08" / 2.0 mm	0.67" / 1.70 cm	0.05" / 1.25 mm	0.05" / 1.25 mm	Polypropylene	Proprietary Polyester



## Fiber Optic Cleaning Swabs

### MTP Connector Chamois Swab

Ideal chamois swab for MTP cleaning

- Features an exclusive engineered chamois material
- Ideal size and dimension for MTP connector cleaning
- Seamless blunt design makes precise contact with MTP end face
- High absorbency swab quickly and safely removes contaminants
- Free of adhesives or binders; will not leave residue
- Packaged in durable, field-ready, transparent tubes
- Patented — U. S. Patent Number 7,526,830 and foreign patents

**CC505F** 25 per tube

**CC5056F** 25 per tube



Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
3.25" / 8.25 cm	0.38" / 9.6 mm	0.88" / 22.3 mm	0.38" / 9.6 mm	ABS	Synthetic Chamois
6" / 15.4 cm	0.38" / 9.6 mm	0.88" / 22.3 mm	0.38" / 9.6 mm	ABS	Synthetic Chamois



### V-Groove & Ferrule Cleaning Swabs

Swab for V-groove and ferrule cleaning

- Flattest, thinnest swab available; ideal for small precision surfaces
- Will not leave residue; no adhesives or binders
- Wicking action quickly pulls solvent from surfaces
- Can be used with Electro-Wash® Precision Cleaners on hard-to-remove soils
- Available in bulk packaging or durable, field-ready, transparent tubes

**38540** 500 swabs per bag

**38542F** 50 swabs per tube



Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
2.7" / 6.9 cm	0.09" / 2.3 mm	0.46" / 11.7 mm	0.04" / 1.0 mm	0.12" / 3.0 mm	Polypropylene Flexible Tip	Nonwoven Polyester



### Fusion Splice Mirror Cleaning Swabs

Cleanroom laundered fabric formed into a unique tool for fusion splice mirror cleaning

- Ideal size and dimension for fusion splice mirror cleaning
- High absorbency swab removes dust and other contaminants
- Free of adhesives or binders; will not leave residue
- Works well as solvent applicator
- Can be used with Electro-Wash® PX Fiber Optic Cleaner for hard-to-remove soils
- Available in bag packaging or durable, field-ready, transparent tubes

**51121** 25 per bag

**51125F** 15 swabs per tube



Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
2.8" / 7.1 cm	0.10" / 2.5 mm	0.40" / 10.2 mm	0.25" / 6.5 mm	0.23" / 5.7 mm	Glass Filled Nylon	Knit Polyester



## Fiber Optic Cleaning Swabs

### MTP Connector Poly Swab

Versatile polyester swab for MTP cleaning

- Cleaning tool features a cleanroom laundered knit polyester fabric
- Ideal size and dimension for MTP connector cleaning
- Swab removes dust and other contaminants
- Free of adhesives or binders; will not leave residue
- Can be used with Electro-Wash® PX Fiber Optic Cleaner for hard-to-remove soils
- Packaged in durable, field-ready, transparent tubes

#### Applications:

- MTP Connector Cleaning
- Ferrule cleaning



Durable, field-ready packaging

**38142F** 50 swabs per tube

Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
2.7" / 6.9 cm	0.09" / 2.3 mm	0.48" / 12.1 mm	0.06" / 1.6 mm	0.12" / 3.0 mm	Polypropylene Flexible Tip	Knit Polyester



### SFF High Density Connector Swab

Swab for cleaning high-density Small Form Factor connections

- Soft swab head conforms to connector face and alignment pins
- Provides outstanding particle entrapment, does not generate particles
- Strongest seams available, will not split even with rigorous scrubbing
- No adhesives, binders, or fibers to leave residues
- Can be used with Electro-Wash® PX Fiber Optic Cleaner or Electro-Wash® CZ for all types of soils and contaminants

#### Applications:

- Cleans SFF connectors, alignment pins and sleeves
- Cleans Test Equipment Ports



**38040** 500 swabs per bag

Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
2.7" / 6.9 cm	0.09" / 2.3 mm	0.44" / 11.2 mm	0.09" / 2.4 mm	0.12" / 3.0 mm	Polypropylene Flexible Tip	Knit Polyester



### SFF Connector Flat Swab

Swab offering a unique design specifically for the Combination Cleaning process

- Flat swab head enables both wet and dry cleaning simultaneously
- Swab provides outstanding particle entrapment
- No adhesives, binders, or fibers to leave residues
- Can be used with Electro-Wash® PX Fiber Optic Cleaner or Electro-Wash® CZ for all types of soils and contaminants

#### Applications:

- Cleans SFF connectors, alignment pins and sleeves
- Cleans Test Equipment Ports



**38140** 500 swabs per bag

Swab Length	Handle Width	Head Length	Head Thickness	Head Width	Handle Material	Head Material
2.7" / 6.9 cm	0.09" / 2.3 mm	0.48" / 12.1 mm	0.06" / 1.6 mm	0.12" / 3.0 mm	Polypropylene Flexible Tip	Knit Polyester



Top View



Side View