

COVENTRY™

Medical Device Precision Cleaning and Maintenance Guide

Cleanroom Swabs

Cleanroom Wipes

High Purity Solvents

Engineered Cleaners

Swelling Agents

Carrier Fluids





Medical Device Precision Cleaning and Maintenance Guide



High Precision Cleaning for Medical Device Assembly, Repair & Metal Finishing

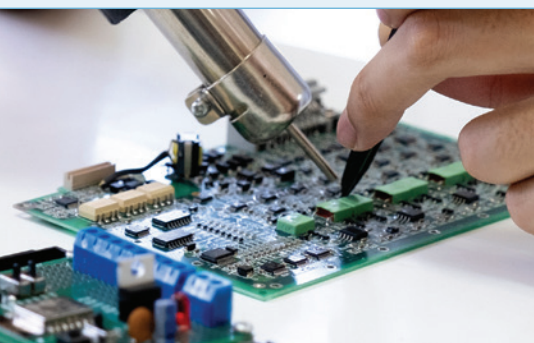
High precision cleaning plays a crucial role in the field of medical metal finishing, particularly for implants. Implants, such as orthopedic devices, dental fixtures, and cardiovascular stents, require meticulous cleaning to ensure their safety, biocompatibility, and functionality. These medical devices are typically made from metal alloys like titanium or stainless steel.



Medical Device Assembly

High precision solvents are critical for medical device assembly, including heart monitoring equipment, ventilators, and surgical robots. Alcohol wipes effectively clean surfaces, minimizing contaminants and residues. Swelling solvents ensure proper fit and bonding of components, crucial for leak-free seals. Carrier solvents enable precise application and adhesion of materials. Stringent quality control and regulatory compliance contribute to the reliability, performance, and safety.

Coventry, Chemtronics, and Techspray branded products allow medical device manufacturers to comply with industry regulations, and ensure the safety and effectiveness of their final products.

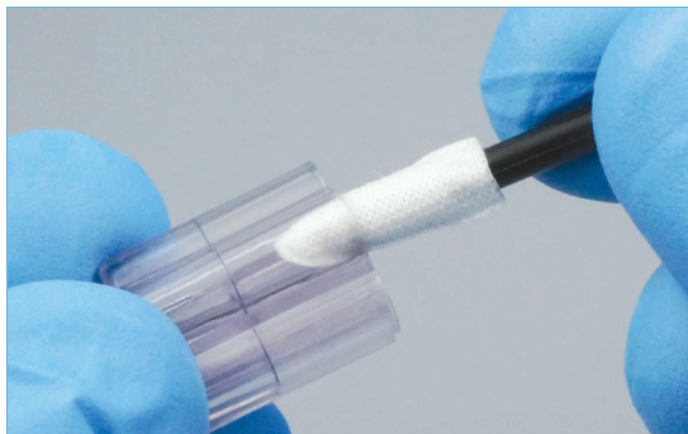


Medical Device Electronics Assembly & Repair

When it comes to electronics installed in medical devices, ensuring their proper functioning and reliability is of utmost importance. The reliability and accuracy of these devices directly impact patient care and safety.

By utilizing trusted brands like Chemtronics and Techspray, medical professionals and technicians can ensure that the electronic components in these devices are properly cleaned, maintained, and repaired. This not only extends the lifespan of the devices but also minimizes the risk of failures, malfunctions, or inaccuracies that could potentially have life-threatening consequences.

Ultra Pure Solvents for Tightly Controlled Environment



PRECISION V

Solvent 3710DL-G High Purity Solvent of 7100

High-performance cleaning with low toxicity and zero ozone depletion. As 3M phases out Novec solvents, Precision-V 3710DL provides a safe, compliant, and efficient alternative for vapor degreasing, immersion cooling, and electronics cleaning.

- Direct replacement for Novec 7100DL
- Nonflammable
- Plastic-safe

Product specifications are tightly controlled for listed contaminants:

- Ions
- Particulates
- Metals
- Non-Volatile residue
- NVR <1 ppm
- Metals <1 ppb

3710DL-G 1 gal. (3.8L) pail



PRECISION V

Solvent 3900DL - PFAS Free

High-performance cleaning with low toxicity and zero ozone depletion. As 3M phases out Novec solvents, Precision-V 3900DL provides a safe, compliant, and efficient alternative for vapor degreasing, immersion cooling, and electronics cleaning.

- Functional replacement for Novec 7100DL
- Nonflammable
- **PFAS free** (US EPA 8(a)7)
- Plastic-safe

Product specifications are tightly controlled for listed contaminants:

- Ions
- Particulates
- Metals
- Non-Volatile residue
- NVR <1 ppm
- Metals <1 ppb

3900DL-G 1 gal. (3.8L) pail

Other 3M NOVEC replacements also available in high-purity, low NVR, low metals.



Coventry™ 12820 Oxygen Systems Cleaning Solvent

Nonflammable solvent for oxygen systems cleaning and validation testing

- Removes particulates, fluorocarbon greases and oils used to lubricate fittings
- Nonflammable
- Very low non-volatile residue
- Azeotropic composition provides excellent composition stability
- Low toxicity
- Fast drying
- Non-ozone depleting chemicals, low global warming potential
- Meets SAE ARP1176
- Evaluated and tested to NASA/TP-2015-218207

12820 1 gal. / 3.8 L liquid



COVENTRY™

High Precision Vapor Degreaser & Ultrasonic Solvents

Techspray and Chemtronics offer a wide variety of vapor degreaser formulas engineered to meet challenging requirements like cleanliness specifications, difficult-to-clean soils, solvent-sensitive materials, and restrictive regulations.

These solvents have azeotropic properties that allow them to remain stable as they are cycled in a vapor degreaser. They are not reactive or corrosive to metals commonly found in the construction of vapor degreasers and medical devices.

PWR-4™ and Tri-V solvents are designed to replace highly toxic n-propyl bromide (nPB), trichloroethylene (TCE) and perchloroethylene (perc), matching or surpassing cleaning performance without the safety concerns.

Precision-V™ vapor degreaser solvents are ideal replacements for 3M Novec solvents, being phased out by the end of 2025, AK-225 based cleaners, which were phased out due to the ozone depletion restrictions.



PRECISION V

Solvent 3810

Precision-V cleaners leave no residue and evaporate extremely fast, and are non-flammable with no flash-point. Electronics, optics, and metal parts are quickly and thoroughly cleaned, eliminating the need for further rinsing.

- Replacement for Novec 7100, 7200 & 7300
- Nonflammable
- Plastic-safe

3810-G	1 gal. (3.8L) pail
3810-5G	5 gal. (19L) pail
3810-54G	54 gal. (205L) drum

PRECISION V

Solvent 3820

Powerful, high precision solvent

- Replacement for Novec 71DA, 71DE, 72DA, 72DE & 73DE
- Nonflammable
- Effective on cutting fluids, heavy greases & oils

3820-G	1 gal. (3.8L) pail
3820-5G	5 gal. (19L) pail
3820-54G	54 gal. (205L) drum

PRECISION V

Solvent 3900

Plastic-safe rinsing agent & heat transfer fluid

- Replacement for Novec 7100, 7200 & 7300
- **PFAS free** (US EPA 8(a)7)
- Nonflammable
- Plastic-safe

3900-G	1 gal. (3.8L) pail
3900-5G	5 gal. (19L) pail
3900-54G	54 gal. (205L) drum



Solvent 3410

Heavy-duty, cost effective degreaser

- Replacement for Novec 71DE, 72DA, 72DE & 73DE
- Nonflammable
- Effective on heavy greases, oils & waxy corrosion inhibitors

3410-G	1 gal. (3.8L) can
3410-5G	5 gal. (19L) pail
3410-54G	54 gal. (205L) drum



Solvent 3400

Industrial Maintenance Cleaner

Extra-strength, nonflammable degreaser for replacing nPB, TCE & perc

- Replacement for Novec 71DE, 72DE & 73DE
- Nonflammable
- Effective on heavy greases, oils & waxy corrosion inhibitors
- Low GWP

3400-G	1 gal. (3.8L) can
3400-5G	5 gal. (19L) pail
3400-54G	54 gal. (205L) drum



Solvent 3910

Heavy-Duty, Low GWP Degreasers

PWR-4 Solvent 3910 is ideal where a safer, nonflammable and cost effective cleaner is required.

- High performance replacement for Novec 71DE, 72DE & 73DE solvents
- **PFAS free** (US EPA 8(a)7)
- 100% USA Manufactured
- Nonflammable

3910-G	1 gal. (3.8L) can
3910-5G	5 gal. (19L) pail
3910-54G	54 gal. (205L) drum

High Purity Solvents Engineered for Greater Safety & Higher Performance

Techspray Has The Novec Replacements You Need.



LEARN MORE

Immediate Chemical/Drop-in Replacements

For companies reacting to the unreliable availability of Novec solvents, Techspray offers a line of chemical replacements. These solvents are engineered to react and perform the same as Novec products. COC's are available to ensure your strict quality standards are maintained.

3M Novec #	Techspray Replacements	
7100	Precision-V 3710	
	3710-G	1 gal. (3.8L) can
	3710-5G	5 gal. (19L) pail
	3710-54G	54 gal. (205L) drum
71DA	Precision-V 371DA	
	371DA-G	1 gal. (3.8L) can
	371DA-5G	5 gal. (19L) pail
	371DA-54G	54 gal. (205L) drum
71DE	Precision-V 371DE	
	371DE-G	1 gal. (3.8L) can
	371DE-5G	5 gal. (19L) pail
	371DE-54G	54 gal. (205L) drum
71IPA	Precision-V 371IPA	
	371IPA-G	1 gal. (3.8L) can
	371IPA-5G	5 gal. (19L) pail
	371IPA-54G	54 gal. (205L) drum
7200	Precision-V 3720	
	3720-G	1 gal. (3.8L) can
	3720-5G	5 gal. (19L) pail
	3720-54G	54 gal. (205L) drum
72DA	Precision-V 372DA	
	372DA-G	1 gal. (3.8L) can
	372DA-5G	5 gal. (19L) pail
	372DA-54G	54 gal. (205L) drum
72DE	Precision-V 372DE	
	372DE-G	1 gal. (3.8L) can
	372DE-5G	5 gal. (19L) pail
	372DE-54G	54 gal. (205L) drum
73DE	Precision-V 373DE	
	373DE-G	1 gal. (3.8L) can
	373DE-5G	5 gal. (19L) pail
	373DE-54G	54 gal. (205L) drum
7300	Precision-V 3730	
	3730-G	1 gal. (3.8L) can
	3730-5G	5 gal. (19L) pail
	3730-54G	54 gal. (205L) drum
7500	Precision-V 3752	
	3752-G	1 gal. (3.8L) can
	3752-5G	5 gal. (19L) pail



Electro-Wash® Tri-V

Extra-strength, nonflammable electronics cleaner for replacing nPB, TCE & perc

- Nonflammable
- Can be used on energized equipment
- Fast drying

VW114 1 gal / 3.7 L liquid

VW514 5 gal / 19 L liquid

VW5514 53 gal / 200 L liquid

Max-Kleen™ Tri-V™

Extra-strength, nonflammable degreaser for replacing nPB, TCE & perc

- Nonflammable
- Can be used on energized equipment
- Full azeotrope — ideal when reclamation process is required
- Fast drying

VW2279 20 oz / 567 g aerosol

VW5579 53 gal / 200 L liquid

Flux-Off® Tri-V™

Extra-strength, nonflammable defluxer for replacing nPB, TCE & perc

- Nonflammable
- Effective on R, RA, RMA & synthetic fluxes
- Strong enough for removing encrusted fluxes & white residues

VW595 5 gal / 19 L liquid

VW5595 53 gal / 200 L liquid

Alcohol Cleaners

Techspray has the broadest line of isopropyl alcohol (IPA) in the industry, ranging from aerosol, pre-saturated wipes, and bulk packaging. Two grades of IPA are available: 99.8% anhydrous (containing as little water as possible) for fast-drying cleaning and 70% IPA / 30% DI when slower evaporation is desired.

- Plastic safe
- Non-corrosive
- Low toxicity



Learn More



Pint (-P)



Gallon (-G1 or -G4)



5 gal. (-5G)



Item #	Solvent	Wipe Material	Packaging
1610-12S	99.8+% IPA	—	12 oz aerosol
1608-P	70% IPA	—	1 pint bottle
1608-G4	70% IPA	—	1 gal container, 4/case
1608-54G	70% IPA	—	54 gal drum
1610-P	99.8+% IPA	—	1 pint bottle
1610-PT	99.8+% IPA	—	1 pint bottle w/sprayer
1610-G1	99.8+% IPA	—	1 gal container, 1/case
1610-G4	99.8+% IPA	—	1 gal container, 4/case
1610-5G	99.8+% IPA	—	5 gal container
1610-54G	99.8+% IPA	—	54 gal drum
1608-100DSP	70% IPA	Non-woven poly	Disposable tub, 100ct
1608CP-150DSP	70% IPA	Non-woven poly-cellulose	Disposable tub, 150ct
1608-100FL	70% IPA	Non-woven poly	Flip-top tub, 100ct
1608-100R	70% IPA	Non-woven poly	Refill rolls, 100ct
1608CP-150R	70% IPA	Non-woven poly-cellulose	Refill rolls, 150ct
1610-100DSP	99.8+% IPA	Non-woven poly	Disposable tub, 100ct
1610CP-150DSP	99.8+% IPA	Non-woven poly-cellulose	Disposable tub, 150ct
1610-100FL	99.8+% IPA	Non-woven poly	Flip-top tub, 100ct
1610-100R	99.8+% IPA	Non-woven poly	Refill rolls, 100ct
1610CP-150R	99.8+% IPA	Non-woven poly-cellulose	Refill rolls, 150ct
1608-50PK	70% IPA	Non-woven poly-cellulose	Individually wrapped, 50ct
1610-50PK	99.8+% IPA	Non-woven poly-cellulose	Individually wrapped, 50ct
1606-50PK	90% Ethanol	Non-woven poly-cellulose	Individually wrapped, 50ct



Disposable Tubs

(-100DSP or -150DSP)

Low cost container can be reused, but is often discarded after use.

Flip-Top Tubs

(-100FL)

Reusable container with spring-loaded flip-top lid to prevent dry-out.



Refill Rolls

(-100R or -150R)

Presaturated refill rolls fit both flip-top and disposable tubs to save money and reduce trash.

Individually Wrapped Wipes

(-30PK or -50PK)

One wipe per foil pouch avoids cross-contamination and is ideal for tool boxes and field service trucks.

Wipe size: 5.5" x 5.5" (140mm x 140mm)

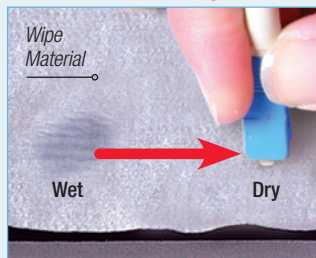




FOCCUS products are designed for optimal cleaning of connectors using the Combination Cleaning™ process. The end face is passed through a lightly moistened spot on the lint-free wipe, then drawn into the dry area. The large cleaning platform assures the proper angle for UPC and APC connectors.



Combination Cleaning™ Process



QbE® Cleaning Platform

Portable, efficient wiping platform for cleaning fiber optic end faces

- Up to 600 cleanings
- Provides ideal cleaning surface for end face cleaning
- Heavy-duty lint-free wiping material

QBE 200 perforated wipes per box
2.75" x 3" / 7.0 cm x 7.6 cm

Fiber-Wash™ MX Fiber Optic Cleaning Pen

Convenient pen with the extra-strength, plastic-safe precision cleaner

- Removes handling soils, dust, oils and airborne contamination
- Cleans and eliminates static
- Completely portable; controlled dispensing of cleaning solution

FW2150 9 g / 0.32 oz pen
FW2150BLK Box of 24 pens, 9g each



Chempad™ Presaturated Wipe

General purpose, presaturated lint-free cleaning wipe

- Contains ultra pure blend of 91% IPA/9% deionized water
- Highly saturated
- Thick, non-abrasive, wiping pad
- Quickly removes dust, oils and contaminants

CP400 50 single pack presaturated wipes

Chemswab™ Presaturated Swab

Easy to use swab presaturated with alcohol

- Urethane foam swab presaturated with ultra-pure IPA
- Evaporates quickly with no residue or contamination
- Nonabrasive
- Ideal for field service kits

CS25 25 presaturated swabs



Typhoon Blast™ 70 Duster

Powerful and economical, ultra-low GWP duster with the BIGGER blast

- Ultra-Low Global Warming Potential (GWP)
- High powered cleaning strength
- Nonflammable
- Zero VOC
- Filtered to 0.2 microns
- 100% HFO-1234ze
- Leaves no residue
- PFAS free
- Safe on plastics

ES1025 10 oz. / 383 g aerosol

Arctic Blast™ Freeze Spray

Ultra-low GWP freeze spray with pin-point accuracy for isolating individual components

- Ultra-low Global Warming Potential (GWP)
- Pin-point spray isolates individual components without freezing surrounding areas
- Safe on plastics
- Nonflammable
- Filtered to 0.2 microns

ES1054 10 oz / 283 g aerosol



Coventry™ Cleanroom Laundered Wipes

Coventry™ cleanroom laundered wipes offer an extra level of protection for critical applications

Poly-Wipes are made from 100% continuous filament polyester, minimizing particle generation. Cleanroom Chamois™ is made from a nylon/cellulose microfiber blend, providing superior toughness and particle entrapment. All wipes are laundered in a Class 10 (ISO Class 4) cleanroom and available with laser-edge (LE) or heat cut (HC) edge sealing for even greater cleanliness.

Product Name	Part Number	Material	Quantity	Size
Poly-Wipes	6209	Light-weight polyester	150	9" x 9" 22.9 cm x 22.9 cm
Poly-Wipes	6259	Heavy-weight polyester	150	9" x 9" 22.9 cm x 22.9 cm
Sealed Edge Poly-Wipes	6259HC	Heavy-weight polyester	150	9" x 9" 22.9 cm x 22.9 cm
Sealed Edge Poly-Wipes	6209HC	Light-weight polyester	150	9" x 9" 22.9 cm x 22.9 cm
Sealed Edge Poly-Wipes	62096HC	Light-weight polyester	150	6" x 9" 15.2 cm x 22.9 cm
Sealed Edge Cleanroom Chamois™	7348LE	Microfiber	50	8" x 8" 20 cm x 20 cm

Coventry™ Non-Woven Wipes

Coventry™ Econowipes™ are made from a hydro-entangled, 45% cellulose / 55% polyester blend, for optimum purity in a nonwoven wipe. Econowipes™ are available in three convenient sizes.

Product Name	Part Number	Material	Quantity	Size
Econowipes™	6704	Polyester/cellulose blend, nonwoven	1200	4" x 4" 10.2 cm x 10.2 cm
Econowipes™	6704F	Polyester/cellulose blend, nonwoven	100	4" x 4" 10.2 cm x 10.2 cm
Econowipes™	6709	Polyester/cellulose blend, nonwoven	300	9" x 9" 22.9 cm x 22.9 cm
Econowipes™	6713	Textured polyester/cellulose blend, nonwoven, quarter-folded	50	12" x 13" 30.5 cm x 33.0 cm

Static Free™ Mat and Benchtop Reconditioner

Cleans and rejuvenates ESD-safe surfaces

- Cleans and rejuvenates burned or dead spots on ESD mats
- Will not dry mat surfaces with repeated use
- Long-lasting dissipative protection – up to 30 days
- Effective in relative humidity below 15%
- Chloride and amine free formulation
- Noncorrosive
- Meets static decay criteria of MIL-B-891705C

6209LCESD1664

150 presaturated cleanroom wipes in ESD pouch - Resealable



Coventry™ Poly Double-Onyx ESD Wipes

ESD safe, black polyester monofilament wipe

- Class 100 – 1000 (ISO 5-6) black, laser-sealed edge polyester wipe
- Static dissipative within 10⁷-10⁹ range for S20.20 compliance
- Conductive material is double-sided and double-density for maximum continuity to ground
- High durability for cleaning rough, abrasive, or irregular surfaces

6259BESD2 9" x 9" (22.9cm x 22.9cm)
black laser-sealed polyester wipe,
140g/m², 150 wipes/bag



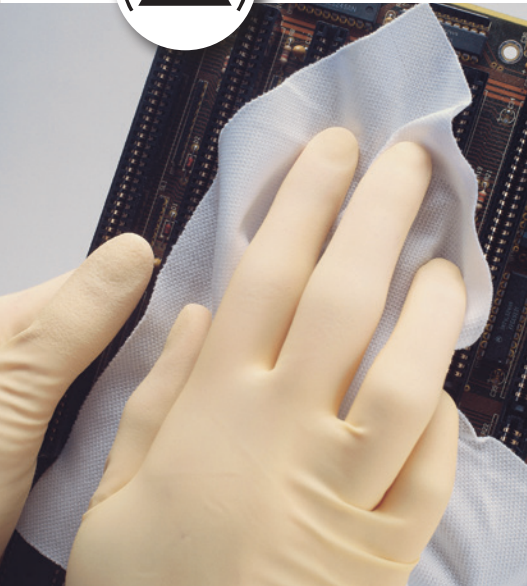
Double-Bagged to insure wipe is fully saturated

Coventry™ Hi-Purity Alcohol Wipes

Durable, pre-saturated IPA cleanroom wipe, safe for critical environments and surfaces

- Class 10 (ISO 4 and higher) laundered and presaturated polyester cleanroom wipe
- Optimized, consistent cleaning with high absorbency and no residue
- Laser sealed edge and monofilament "no-run" polyester prevent loose fibers

6259LE7030 9" x 9" (22.9cm x 22.9cm)
double-bagged,
140g/m², 50 wipes/bag



LICRON CRYSTAL

Permanent ESD Coating

- Rugged static dissipative coating
- Surface resistivity of 10^6 To 10^9 ohms
- Operating temperature range – up to 302°F (155°C)
- Humidity independent
- Superior adhesion to variety of surfaces: glass, plastic, etc.
- Non-ozone depleting

- 1756-8S** 8 oz. (226g) aerosol (coats up to 200ft²)
- 1756-G** 1 gal. (3.8L) jug (coats up to 1600ft²)
- 1756-54G** 54 gal. (204L) drum



1756-8S

Zero Charge Mat & Tabletop Cleaner

Safe, effective cleaner for ESD mats

- Rejuvenates ESD-safe mats
- Will not dry out surfaces
- Leaves no insulative residue
- Nonflammable
- No ammonia
- Non-corrosive

- 1733-QT** 1 qt. (.95L) bottle with trigger sprayer
- 1733-G** 1 gal. (3.8L) bottle



1733-QT



1726-QT

Zero Charge Anti-Stat Coating

Anti-static coating for fabrics & flexible surfaces

- All-purpose static control
- For plastics, fabrics, and carpet
- Fast drying
- Nonflammable

- 1726-QT** 1 qt. (.95L) bottle with trigger sprayer



1702-8FP

Zero Charge Hand Lotion

Non-contaminating hand lotion for ESD sensitive environments

- Improves wrist and heel strap contact
- Does not contain silicone or lanolin
- Non-contaminating — does not interfere with soldering
- Non-greasy

- 1702-8FP** 8 fl. oz. (237ml) bottle with finger pump
- 1702-G** 1 gal. (3.8L) bottle

Zero Charge Screen & Keyboard Cleaner

Cleans surfaces and leaves behind dissipative residue

- Cleans plastic & glass
- Leaves ESD-safe coating
- Leaves no insulative residue
- Non-corrosive

- 1743-QT** 1 qt. (.95L) bottle w/trigger sprayer



1743-QT

Zero Charge® ESD-Safe Floor Coating

ESD-safe floor coating

- Resistivity between 10^6 To 10^{10}
- Effective in low humidity
- High gloss polymer
- Zinc free
- Slip resistant

- 1720-G** 1 gal. (3.8L) bottle (coats @1,200 ft²)



1720-G

Swabs

Foam Swabs

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

Part Number	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 1	0.40" 0.2 mm	0.13" x 0.14" 3.3 mm x 3.5 mm	polypropylene	polyurethane foam
							
CX50	50 swabs	4.45" 11.3 cm	0.16" x 0.16" 4.1 mm x 4.1 mm	0.81" 20.6 mm	0.25" 6.4 mm	nylon/ polypropylene	polyurethane foam
							
CF2050	50 swabs	5.12" 13.0 cm	0.19" x 0.13" 4.8 mm x 3.3 mm	1.00" 25.4 mm	0.46" 11.7 mm	polypropylene	polyurethane foam
							
CF3050	50 swabs	6.00" 15.2 cm	0.13" x 0.13" 3.3 mm x 3.3 mm	0.75" 19.1 mm	0.25" 6.4 mm	polypropylene	polyurethane foam
							
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
							
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
							

Knit Polyester & Nylon Microfiber Swabs

Exceptionally clean, tough and durable swabs

Exceptionally clean, adhesive-free swabs featuring either knit or nonwoven fabric heads. These swabs are acid and solvent resistant. Sealed edges have high strength with no loose fibers or particulates. Ideal for tough scrubbing around raised shapes. Class 10 (M3, ISO 4) processing for the lowest ionic, nonvolatile residue and particle contaminants.

Part Number	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
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
							
38140	500 swabs	2.7" 6.9 cm	0.09" 2.3 mm 1	0.48" 2.1 mm	0.06" x 0.12" 1.6 mm x 3.0 mm	polypropylene	knit polyester
							
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
							
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
							

Coventry™ Wrapped Foam Swabs

Durable wrapped foam swabs designed for precise applications

Wrapped swabs provide good particle entrapment and work well as adhesive and lubricant applicators. Wicking action can draw material upward from tip, which makes these ideal for cleaning tight areas where fluids and contaminants are entrapped.

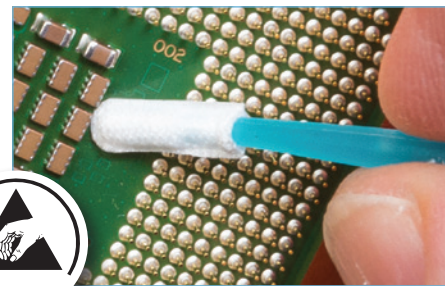


Part Number	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
20050	500 swabs	2.6" 6.7 cm	0.09" 2.2 mm	1.06" 27.0 mm	0.12" x 0.12" 3.1 mm x 3.1 mm	wood	polyurethane foam
							
20080	500 swabs	2.6" 6.7 cm	0.09" 2.2 mm	0.89" 22.6 mm	0.11" x 0.11" 2.8 mm x 2.8 mm	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
							
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
							

Coventry™ High Precision ESD Static Control Swabs

Protects components from destructive static discharge

Engineered to avoid damage from static electricity. Swab handles can dissipate 99% of a 5,000 volt (5 KV) charge in less than 2.0 seconds. Static dissipative handles contain no additives, coatings or surfactants, so are effective at any level of humidity and it are resistant to solvents — even acetone. Choose between our Class 10 (M3, ISO 4) laundered polyester or 100 pore-per-inch ultraclean polyurethane foam.



Coventry™ Sealed Polyester ESD Swabs

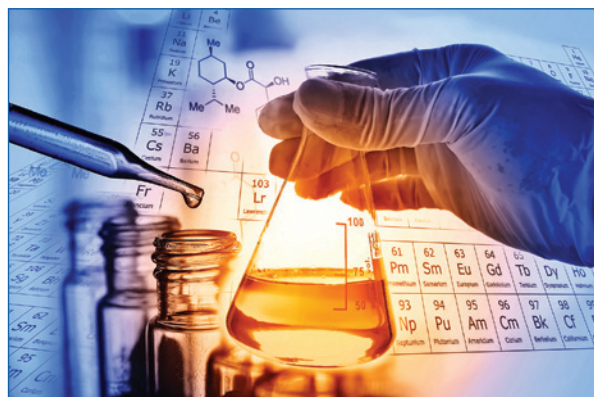
Part Number	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
48040ESD	500 swabs	2.7" 6.9 cm	0.09" 2.2 mm	0.43" 11.0 mm	0.12" x 0.09" 3 mm x 2.2 mm	ESD	polyurethane foam
							
41050ESD	500 swabs	2.8" 7.2 cm	0.10" 2.6 mm	0.40" 10.2 mm	0.13" x 0.14" 3.3 mm x 3.5 mm	ESD	polyurethane foam
							
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
							
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
							

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