

COVENTRY™

Reliability and performance from our cleanroom to yours.



Cleanroom Swabs

Sampling Swabs

Cleanroom Wipes

High Purity Solvents

Engineered Cleaners

Swelling Agents

Carrier Fluids

 **Chemtronics®**

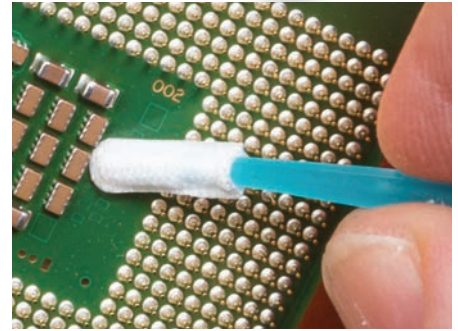


Cleanroom Swabs

Coventry™ High Precision 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 (M3, ISO 4) laundered polyester or 100 pore-per-inch ultraclean polyurethane foam.



Coventry™ Sealed Polyester ESD Swabs

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
38040ESD	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	ESD	knit polyester
38540ESD	500 swabs	2.7" 6.9 cm	0.09" 2.2 mm	0.47" 12.0 mm	0.16" x 0.16" 4.0 mm x 4.0 mm	ESD	non-woven polyester
36861CLR	500 swabs	6.5" 16.5 cm	0.12" 3.0 mm	0.67" 17.0 mm	0.28" x 0.14" 7.0 mm x 3.5 mm	ESD	knit polyester

Coventry™ Sealed Microfiber ESD Swabs

Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
36863SDC	500 swabs	6.5" 16.5 cm	0.12" 3.0 mm	0.60" 15.0 mm	0.26" x 0.12" 6.5 mm x 3.0 mm	ESD	woven microfiber

Coventry™ Polyester Pillow-Tip™ ESD Swabs

Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
51121ESD	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	ESD	knit polyester

Cleanroom Swabs



Coventry™ Sealed Foam ESD Swabs

Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
49250ESD	500 swabs	5.75" 14.6 cm	0.12" 3.0 mm	1.06" 27.0 mm	0.47" x 0.32" 12.0 mm x 8.0 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
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
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
44070SDC	500 swabs	3.2" 8.1 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
49285CLR	500 swabs	6.5" 16.5 cm	0.12" 3.0 mm	0.67" 17.0 mm	0.32" x 0.2" 8.0 mm x 5.0 mm	ESD	polyurethane foam

Coventry™ Wrapped Foam ESD Swabs

Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
21050ESD	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	ESD	polyurethane foam

Coventry™ 2702

Coventry™ Ionizer Tip Cleaner

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

2702 20 per bag



Cleanroom Swabs

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 (M3, ISO 4) processing gives you low ionic, nonvolatile residue and particle contaminants.



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
36061l	25 swabs	5.8" 14.7 cm	0.12" 3.1 mm 1	0.75" 8.9 mm	0.19" x 0.21" 4.7 mm x 5.4 mm	polypropylene	knit polyester
 For extra cleanliness							
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
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 1	0.48" 2.1 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

AQUA PRIME For Extra Cleanliness

When cleaned with the Aqua Prime process, Coventry Sealed Polyester Swabs minimize background contamination making them suitable for both critical cleaning and cleaning validation procedures. Aqua-Prime cleaning process can be added to any swab with special order.

Cleanroom Swabs

Coventry™ Sealed Foam Swabs

Economical versatile cleanroom swabs

The most cost-effective swabs for general-purpose applications. 100 ppi reticulated medical-grade polyurethane 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.



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
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
<i>For extra cleanliness</i>							
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
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
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
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

Coventry™ Sterile Flocked Sampling Swabs

Efficient, repeatable & more comfortable sterile sampling swab for COVID-19, etc.

Coventry™ Sterile Sampling Swab has been engineered to efficiently collect biological fluids for elution and analysis especially nasopharyngeal and oropharyngeal sampling. Their flocked nylon construction is comfortable, soft, flexible and absorbent. They are ETO sterilized.



Product	Pkg Count	Swab Length	Handle Width	Head Length	Head Width	Handle Material	Head Material
66000ST	500 swabs	5.875" 150 cm	0.1" 2.5 mm	0.625" 16 mm	0.12" x 0.12" 3 mm x 3 mm	polystyrene	nylon microfiber

Cleanroom Swabs

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™ 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.



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



Coventry™ 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 (M3, ISO 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.



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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Cleanroom Swab Selection Guide

	Wrapped Polyester Swab	Microfiber Swabs	Sealed Polyester Swabs	ESD Polyester Swabs	Sealed Foam Swabs	ESD Foam Swabs	Wrapped Foam Swabs	Comments, Selected Product Recommendation and Examples 209E / ISO
CLASSIFICATION FED209D								
Class 1-10	●	◎	◎	◎	○	○	○	M1–M3/ISO 3-4
Class 10-100	●	●	●	●	◎	◎	◎	M3–M4/ISO 4-5
Class 100-10,000	◎	●	●	●	●	●	●	M4–M6/ISO 5-7
Controlled Environment	○	◎	◎	◎	●	●	●	
INDUSTRIES								
Optics	●	●	●	◎	◎	◎	◎	38040, 38540
Aerospace	●	●	●	●	◎	◎	◎	36060
Disk Drive	●	●	●	●	●	●	●	38040, 41050, 48040, 44070ESD
Fiber Optics	◎	●	●	●	●	●	●	25123, 25183, 48040, 38140, 38540
Life Sciences	●	●	●	◎	◎	◎	◎	36060, 36061I, 36850, 52121
Medical Devices	●	●	●	●	●	●	●	41050, 48040, 44070, 44070ESD
Semiconductors	●	●	●	◎	◎	◎	◎	51353I
USES								
Tight Crevices	◎	●	●	●	◎	◎	◎	34860, 44070
Particle Removal	●	●	●	●	●	●	●	41050, 48040, 38040
Microscopic Work	◎	●	●	●	●	●	◎	34860, 44070
Cleaning Validation	●	●	●	◎	○	○	○	36060, 36061I, 36850, 51121, 52121
Applying Adhesives	◎	●	●	◎	◎	◎	●	51353, 21050, 20050, 20080
Applying Lubricants	●	●	●	◎	◎	●	●	51353, 21050, 20050, 20080
Cleaning Static Sensitive Parts	○	○	○	○	○	●	○	36060ESD, 31040ESD
PROPERTIES								
Low NVR	●	●	●	●	◎	◎	◎	51353, 38040, 31040ESD, 36060
Non-Abrasive	●	●	◎	○	◎	◎	●	52121, 51121, 51353
Acid Resistance	●	●	●	●	◎	◎	◎	All
Alkali Resistance	◎	●	◎	◎	◎	◎	◎	36850, 34860
Solvent Resistance	●	●	●	●	◎	◎	◎	All
Low Ionic Contaminants	●	●	●	●	◎	◎	◎	All
Snag and Abrasion Resistance	○	●	●	●	◎	◎	○	36850, 34860, 38040, 31040ESD

○ = Possible Performance but Not Recommended ◎ = Good Performance ● = Excellent Performance, Recommended Application

COVENTRY™

Hi-Purity Alcohol Wipes for Critical Cleaning Applications



Coventry™ Hi-Purity Alcohol Wipes are saturated semiconductor grade isopropyl alcohol (IPA) filtered through 0.05 µm media, either 100% or with 30% water deionized to at least 18 MΩ and filtered through 0.2 microns filter. The superior purity make these wipes effective and safe in the most critical applications, without leaving residues that are conducive to microbial growth or dendritic growth in electronics.

Coventry™ Hi-Purity Alcohol Wipes are all non-sterile.

Coventry™ Hi-Purity Alcohol Wipes offer these great benefits:

- Wipes have excellent solvent and acid resistance
- Ultra-low acidity, ionics, trace metallics, non-volatile residues (NVR) and particulates
- Increases safety by eliminating squirt bottles and spills
- Improves efficiency with consistent saturation
- Cleanroom double-bagged with resealable inner-bag to avoid solvent loss

Recommended for:

- General cleanroom cleaning
- Cleaning critical metallic and non-metallic surfaces
- Aerospace production areas
- Medical device assembly

Coventry™ 6911IPA

Hi-Purity Alcohol Wipes – Polypropylene

Semicon Grade IPA Wipes for Delicate Surface

- Economical for general purpose use
- Excellent softness and ultra-low abrasiveness is ideal for delicate surfaces
- Low linting, melt-blown polypropylene material
- Cleanroom processed and packaged
- Peel and reseal inner bag

6911IPA 9" x 11" (22.9cm x 29.9cm) folded polypropylene wipes, 70% semi-con grade IPA / 30% DI water (18 MΩ), 30 wipes/bag

Coventry™ 6799IPA

Hi-Purity Alcohol Wipes - Econowipes™

Semicon Grade IPA Wipes for Lab and Workstation Cleaning

- Economical for general purpose use
- Non-woven 55% cellulose / 45% polyester for greater saturation, low linting and high strength
- Low abrasiveness
- Cleanroom processed and packaged
- Peel and reseal inner bag

6799IPA 9" x 9" (22.9cm x 22.9cm) folded wipes, 70% semi-con grade IPA / 30% DI water (18 MΩ), 100 wipes/bag

Coventry™ 6259LEIPA / 6259LE7030

Hi-Purity Alcohol Wipes – Polyester

Semicon Grade IPA Wipes for Critical Cleaning

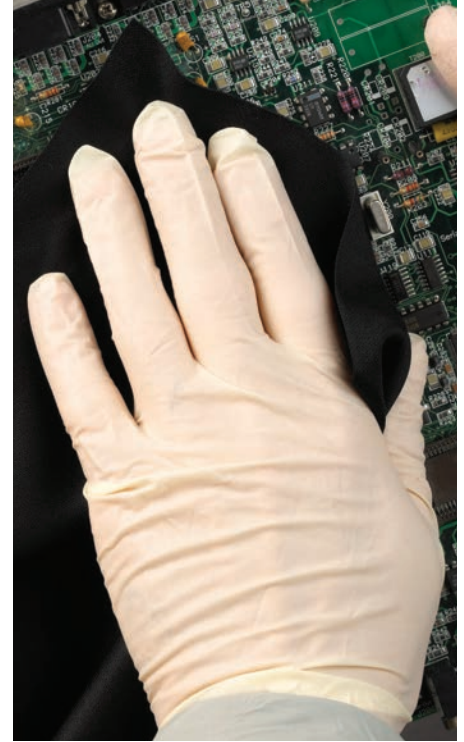
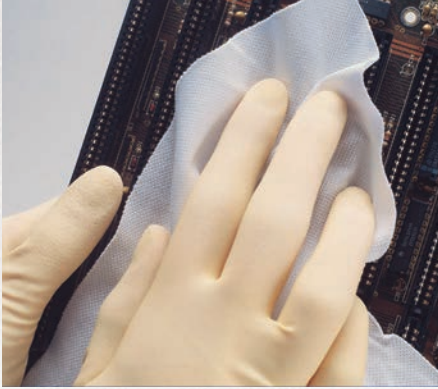
- Laser sealed edge and monofilament "no-run" polyester prevent loose fibers
- Durability for cleaning abrasive and irregular surfaces
- Class 10 (M3, ISO 4) cleanroom processed and packaged
- Ideal for cleaning semiconductor wafer fabs and other critical applications
- Inner bag reseals with slider

6259LEIPA 9" x 9" (22.9cm x 22.9cm) polyester wipe, 100% semi-con grade IPA, 50 wipes/bag

6259LE7030 9" x 9" (22.9cm x 22.9cm) polyester wipe, 70% semi-con grade IPA / 30% DI water (18 MΩ), 50 wipes/bag



Cleanroom Wipes



Coventry™ Cleanroom Laundered Wipes

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

Our Poly-Wipes are made from 100% continuous filament polyester — the standard in cleanroom wipes — minimizing particle generation. The Cleanroom Chamois™ is the only wipe made from a 50/50 nylon/cellulose microfiber blend, providing superior toughness and particle entrapment. The microfibers in the Cleanroom Chamois™ have a unique wedge shape, which lifts all types of contaminants from the surface more effectively than conventional round fibers. Poly-Wipes and Cleanroom Chamois™ are both laundered in our Class 10 (ISO Class 4) cleanroom and are available with our exclusive laser-edge (LE) or heat cut (HC) sealing process.

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

Coventry™ Non-Woven Wipes

Coventry™ Econowipes™ are made from a hydro-entangled, 45/55 cellulose/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

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

COVENTRY™

High Purity Solvents, Engineered Cleaners, Swelling Agents and Carrier Fluids

Coventry™, a brand of ITW Chemtronics®, is known globally for solving the most critical precision cleaning challenges. Coventry solvent cleaners, swelling agents and carrier fluids are formulated and manufactured to exacting specification to provide unparalleled performance.

We have off-the-shelf products and can even engineer customized solutions to meet your specific needs...

- Low toxicity for worker and patient safety
- HAPS-free, zero VOC, zero ozone depleting and low global warming for little or no environmental impact
- Versatile for operational simplicity and efficiency
- Fast dry and highly effective
- Compatible with all substrates – plastics, metals and elastomers
- Consistent for reliability and quality

Coventry™ 12851

Precision Vapor Cleaning Solvent

Powerful, nonflammable solvent for vapor degreasing, ultrasonic and immersion cleaning

- Powerful cleaning agent to machining fluids and oils, dirt, grease, dust and other contaminants
- Nonflammable
- Penetrates to clean hard to reach areas
- Evaporates quickly and leaves no residues, minimizes process time
- Noncorrosive, safe for sensitive metals

12851 1 gal. / 3.8 L liquid

12851-5 5 gal. / 19 L liquid

Coventry™ 12857

Nonflammable Swelling Solvent and Cleaner

Powerful, nonflammable and low-VOC swelling agent

- Swelling of platinum and peroxide cured silicone, urethane
- Safe and noncorrosive on sensitive plastics, titanium, PEEK and stainless materials
- Powerful cleaning agent to remove oils, dirt, grease, dust, and other contaminants
- Nonflammable
- Penetrates to clean hard to reach areas
- Evaporates quickly and leaves no residues, minimizes process time

12857 1 gal. / 3.8 L liquid

Coventry™ 12803 Heptane

Precision Swelling and Cleaning Solvent

High-purity solvent to swell silicone and urethane elastomers and tubing

- Exceeds reagent grade purity
- Swelling of platinum and peroxide cured silicone
- Deposition of silicone lubricants
- Cleaning solvent for critical cleaning applications
- Removes greases and waxes from hard impervious surfaces
- Low surface tension
- Evaporates quickly and leaves no residues, minimizes process time
- No ozone depleting chemicals

12803 1 gal. / 3.8 L liquid

Coventry™ 12866

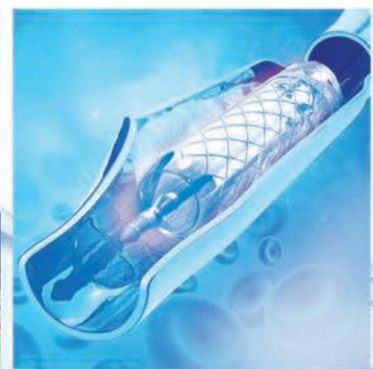
Cutting Fluid and Biocide Remover

For removing cutting fluids, machine oil and biocide from surgical devices

- Ideal for removing oils, dust, and other manufacturing contaminants found on medical devices
- Removes residual biocides from polymeric surfaces
- Safe for use on titanium, stainless steel, composite materials
- Penetrates to clean hard to reach areas
- Evaporates quickly and leaves no residues, minimizes process time
- Noncorrosive, safe for sensitive metals

12866 1 gal. / 3.8 L liquid





Let us engineer a solution for you.



Coventry™ 12855

Zero-VOC Silicone Swelling Solvent

Silicone swelling agent and mold release remover

- Swelling of platinum and peroxide cured silicone
- Silicone swells and returns to original state quickly and efficiently
- Powerful cleaning agent to machining fluids and oils, dirt, grease, dust and other contaminants
- Removes mold release compounds
- Zero VOC for greater regulatory compliance
- Evaporates quickly and leaves no residues, minimizes process time
- Safe on most plastics
- Noncorrosive, safe for sensitive metals

12855 1 gal. / 3.8 L liquid

Coventry™ 12807 Acetone

Precision Cleaning Solvent

Low residue, high purity grade of acetone

- Quickly removes greases and waxes from hard impervious surfaces
- Low surface tension
- Low toxicity
- Evaporates quickly and leaves no residues, minimizes process time
- Zero VOC and no ozone depleting chemicals

12807 1 gal. / 3.8 L liquid

Coventry™ 12805 IPA

Precision Cleaning Solvent

Low residue, high purity isopropyl alcohol

- 99.8% or greater purity
- Cleaning solvent for critical cleaning applications
- Low surface tension
- Low toxicity
- Evaporates quickly and leaves no residues, minimizes process time
- No ozone depleting chemicals

12805 1 gal. / 3.8 L liquid

Coventry™ 12809

Multi-Phase Carrier Solvent

2-part solvent system with maximum performance and safety

- Moisture and oxygen free – prevents premature curing
- High solubility of silicone and other lubricants.
- Nonflammable, no ozone depleting chemicals
- Low toxicity
- Fast acting / high productivity throughput

12809 1 gal. / 3.8 L liquid

Coventry™ 12820

Oxygen Systems Cleaning Solvent

Critical cleaning applications, oxygen systems cleaning and validation testing

- Removes particulates and fluorocarbon greases and oils used to lubricate fittings
- Non combustible
- Very low non-volatile residue
- Azeotropic composition provides excellent composition stability
- Low toxicity
- Fast drying
- No ozone depleting chemicals, low global warming potential
- Meets SAE ARP1176
- Evaluated and tested in NASA/TP-2015-218207

12820 1 gal. / 3.8 L liquid

Solvent Selection Guide

	12803 n-Heptane	12805 IPA Solvent	12807 Acetone Solvent	12809 Carrier Solvent	12851 Vapor Solvent	12855 Zero-VOC Solvent	12857 Nonflammable Solvent	12866 Cutting Fluid Remover
FUNCTIONS								
Precision Cleaning								
Cleaning Strength	○	○	●	○	●	○	●	●
Cleaning Sensitive Substrates	●	●	○	○	○	○	○	○
Metal Cleaning	●	●	●	○	●	●	○	●
Tube & Elastomer Swelling	●	○	○	○	○	●	●	○
Carrier & Deposition	●	○	○	●	○	●	○	○

○ = Not Recommended, ○ = Effective / Gentle, ○ = Very Effective / Strong, ● = Ideal / Very Strong

GENERAL PROPERTIES								
Flammability	Y	Y	Y	N	N	Y	N	Y
Low / No VOC	N	N	Y	N	N	Y	Y	N
Plastic Safety	F	M	F	M	F	F	M	M
Dry Speed	N	Y	N	Y	N	N	N	Y

Y = Yes, N = No, M = Moderately fast, F = Very Fast

	TYPICAL APPLICATIONS	SOILS REMOVED
Precision Cleaning	Orthopedic Implants Neuromodulators Wires, Leads & Cables Dental Implants Heart Valves Peripheral Vascular & Cardiac Catheters	Endoscopes Needles Stents Cardiac Pacemakers Other Surgical Instruments
Tube & Elastomer Swelling	Port/Catheter Assemblies Barbed & Barbless Couplings Silicone & Urethane Elastomeric Tubes	Handling & Processing Oils Buffing Compounds Cutting Fluids Light Greases & Heavy Oils Mold Releases
Carrier & Deposition	Blades Vitrectomy Devices Ophthalmological Surgical Probes Peripheral Vascular Catheters & Devices	Silicones Biocides

Let's work together to address your medical device assembly challenges.

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