



MicroCare
M E D I C A L™

**Making Your
Devices Better**

Welcome to MicroCare Medical™

MicroCare Medical provides cleaning and lubricating products to the medical device industry. We supply advanced cleaners, carrier fluids and coatings to medical device designers and manufacturers globally.

We set the standard for customer-focused support including lab and engineering services to help you achieve consistent results.



MicroCareMed.com

Duraglide™ Dry Lubricant & Coatings

ISO 10993 Certified – Easy to Validate

Provides a uniform, dry non-migrating PTFE lubricant to improve the functionality of medical devices and mechanical assemblies



- Coating provides smoother movement by reducing actuation forces by 25-30%
- Compatible with ETO and gamma radiation sterilizing
- Superb medical-grade mold release agent
- Nonflammable handling, storage and use
- Ready-to-use in dip, spray or aerosol applications
- Excellent materials compatibility
- Hostile to bioburden
- US EPA SNAP (Significant New Alternatives Program) approved

Compatibility: Metals, Plastics & Ceramics

Typical Applications: Catheters, Cutting Tools, Staplers, Hypotubes and Other Moving “Surface-to-Surface” Complex Assemblies.

VDX Dry Lubricant Spray

ISO 10993 Certified

Delivers a dry, slippery coating that reduces friction and wear associated with surface-to-surface sliding, pivoting or twisting



- Aerosol package delivers pinpoint lubrication on any surface or shape without clumps, drips or runs
- Nonflammable, no odor

Compatibility: Metals, Plastics & Ceramics

Typical Applications: Catheters, Cutting Tools, Staplers, Hypotubes and Other Moving “Surface-to-Surface” Complex Assemblies.

MicroCare™ Universal Carrier Fluid

Nonflammable silicone carrier in concentrations up to 10% for coating all surface geometries



- Formulated for use with medical-grade silicone lubricants
- Nonflammable, quick evaporation
- Leaves no carrier residue
- Hostile to bioburden
- Replaces flammable and chlorinated solvents
- US EPA SNAP (Significant New Alternatives Program) approved

Compatibility: Metals including Stainless Steel, most Industrial Plastics including Polypropylene, Nylon, HDPE, LDPE, PPE and PTFE

Typical Applications: Needles, Sharps and Cannulas

Swellex™ Silicone Swelling Agent Swellex™ P Polyurethane Swelling Agent

Expands components to allow for a secure connection without adhesives or mechanical stress



- Utilizes proprietary solvent technology to effectively swell molded thermoelastomer materials
- Swelling agent expands tubing for easy interconnect and evaporates quickly to return part to original size
- Excellent materials compatibility
- Dries residue-free without impacting component properties such as tear strength, compression or color
- VOC exempt

Typical Applications: Superior solution for connecting silicone and polyurethane tubing to barbed fittings.

Modern Vapor Degreasing for the Critical Cleaning of Medical Devices

Vapor degreasing is a **safe, economical and environmentally-friendly cleaning process** that meets and exceeds today's medical device manufacturing standards.

- Perfectly cleans any part size and geometry
- Parts come out clean and dry
- Small footprint with high through-put

Our chemists and field engineers will work with you to **clean parts more thoroughly, quickly and safely...all at a lower cost.**



Make Your Medical Devices Work Better
Call Us Today or Visit MicroCareMed.com to Learn More.



**Medical Device
Lubricants**



**Nonflammable
Carrier Fluids**



**Cleaning
Fluids**

ISO 9001: 2008 Registered

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