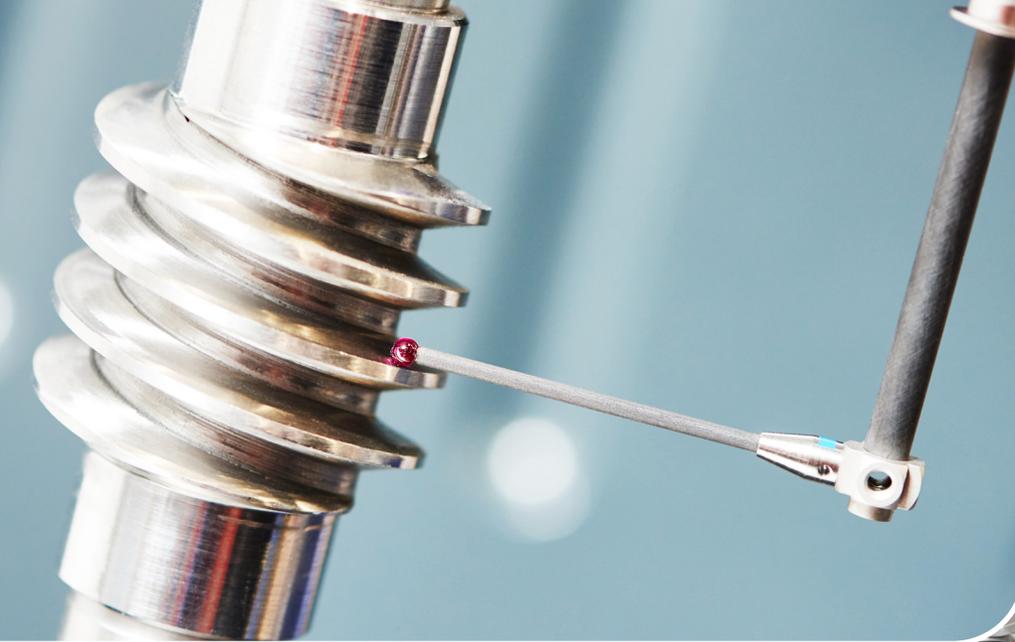




Trusted Reliability. Every day.

The First Company to Bring Biocompatible, Chromium Coatings to the Medical Community.



Our Standards Make Us the Best in Class

Standards aren't benchmarks we simply meet here at ME-92, they're met and then exceeded wherever possible. When you partner with ME-92, you partner with the best in the industry, a partner who treats your products like our own. Because we know just how vital the end-use is.

Welcome to ME-92, the first company to bring biocompatible, chromium coatings to the medical community. We've become the preferred coating provider to leading medical companies in all major disciplines, with a simple mission—to provide functional coatings that enhance the overall performance of medical instrumentation, while meeting our customers' expectations of quality and affordability. ME-92 sets the industry standard for short lead times and rapid turn around.

We take pride in the quality of our coating, so much so that we've become the sole medical device coating source for many of our long standing OEM partners. Our coatings are not only our reputation, but that of our partners. They can count on our coatings and processes to be consistent in every batch, without compromise. Read on to learn why our OEM partners trust us as their sole provider.

ME-92 Operations is an ISO 9001:2015 registered company that completed Process Validations in accordance with the Global Harmonization Task Force GHTF/SG3/N99-10:2004 and 21 CFR Part 820.

Call us today: (401) 831-9200

10 Houghton St.
Providence, RI 02904-1013

ME-92operations.com



Licensed and Backed by Years of Experience Leads to Best in Class

ME-92 is a biocompatible, pure-metallic chromium coating designed to improve the function and appearance of medical instruments and devices. The coating is completely inert, non-magnetic, USP Class VI, Tripartite/ISO, and Antimicrobial.

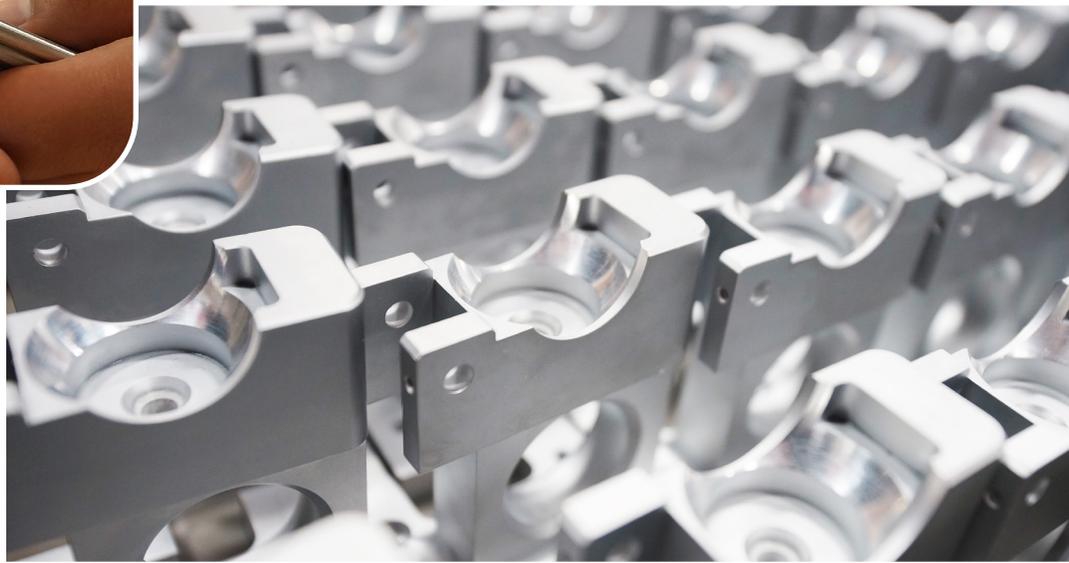
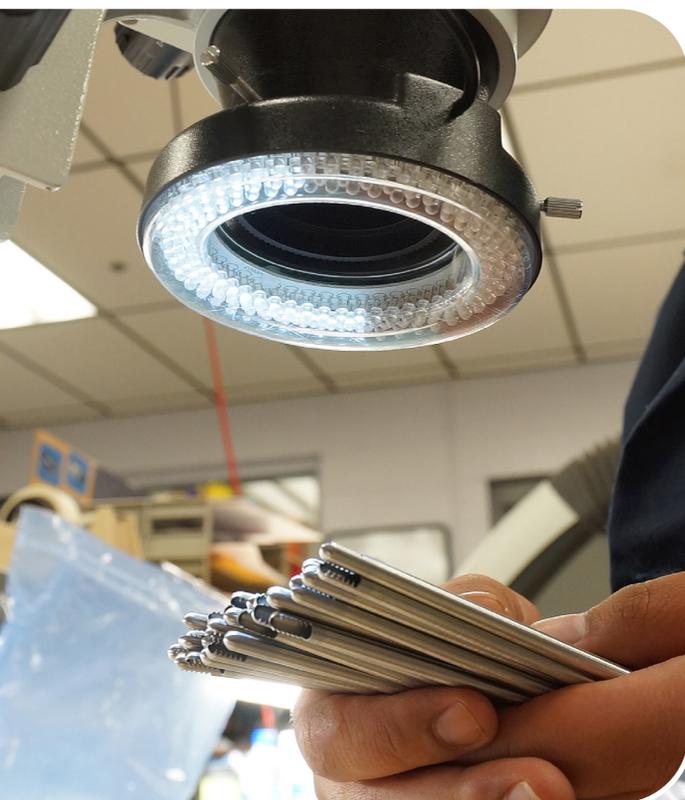
The technology is a proprietary process that electrolytically applies a precise, pure metallic, zero-valence chromium coating to the device without altering the integrity of the base material. Processed at a 30,000 sf facility in Providence, Rhode Island in a clean, latex-free environment, ME-92 is a licensed product and process developed and tested by The Armoloy Corporation laboratories.



ME-92 Operations is the first chrome coating company to perform and pass the Tripartite Guidelines testing for biocompatibility. The current standard is ISO 10993 and the ME-92 coating has successfully passed the requirements for biocompatibility to this standard.

Anti-Microbial Technology Research concluded that the coating:

- reduced bacterial adherence,
- facilitated easier cleaning and decontamination,
- and maintained the surface integrity after repeated sterilization cycles.



Benefits

- Arrests corrosion from sterilization and laser marking while maintaining new appearance
- Increases wear resistance
- Provides a hard, scratch resistant, nonstick, easy clean surface
- Increases surface hardness
- Eliminates galling, fretting, spalling
- Ability to remove and reapply
- Arrests metallic debris and particulate matter
- Provides smooth sliding surfaces
- Reduces high intensity light reflection/refraction and glare
- Provides long lasting, clean, pristine new appearance
- Chemical resistant
- Hydrophobic





Precision At Every Angle

Specific for designers and engineers, precision masking is to ensure the coating is only applied to the surfaces requiring protection. Parameters for this are defined to ensure minimal variation in the coating process, so surface characteristics are controlled. ME-92 Operations performs multiple quality checks throughout the process to ensure adherence to customer specification to provide the best available finished product.



Custom Thickness for Your Needs

We know 'one-size fits all' is never the answer. The deposit thickness of the ME-92 coating is engineered to meet the specific requirements of each customer. Normal deposit thickness ranges from 0.00004" to 0.001" per side (1.0-25.0 microns). An ME-92 Operations sales engineer will assist you in selecting the proper deposit thickness for your specific application.



Dependable Products In Every Application

The ME-92 coating will not chip, flake or peel. How can we say that so definitively? The ME-92 coating is bonded directly to the base material. This unique process enables the coating to adhere absolutely. The coating is highly ductile and will not separate from the base material even when twisted, flexed, or impacted. The coating also exhibits up to 80Rc surface hardness providing a durable coating.

Your medical devices need coating. Might as well trust the experts to deliver on time and meet (even exceed) industry expectations.