

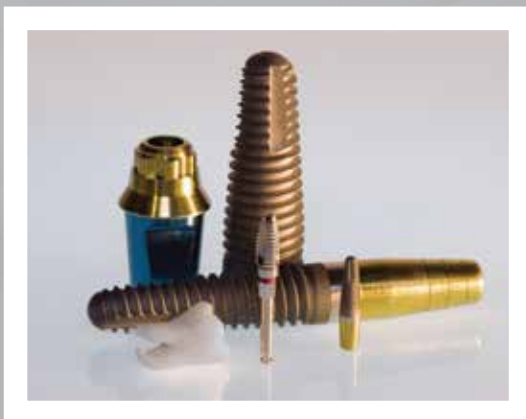
Premium Medical Coatings

# Vti® Coatings for Medical Applications



Vergason Technology, Inc. produces coatings for medical applications. Whether you need a protective coating to reduce wear and corrosion, a protective top coat to increase lubricity and reduce friction, or shielding to safeguard against electromagnetic and radio frequency interference, we can help.

Our coatings can be tailored to meet OEM requirements.



CONTACT US FOR A QUOTE: 607.589.4429 [info@vergason.com](mailto:info@vergason.com) [www.vergason.com](http://www.vergason.com)

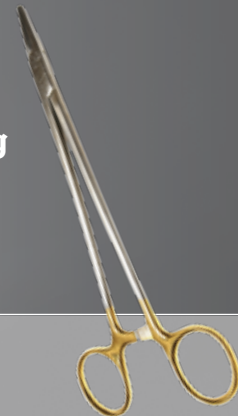
V E R G A S O N   T E C H N O L O G Y   I N C O R P O R A T E D



# Coatings for Medical Applications

## APPLICATIONS

- EMI/RFI Shielding
- Reflective Examination Lighting
- Medical Instruments
- Friction Reduction & Lubricity
- Mold & Tooling Preservation



### EMI/RFI SHIELDING

Electromagnetic and Radio Frequency noise may cause malfunction in electronic devices. Our coatings are used to effectively shield against such interference. Common materials that are highly effective when used for shielding include aluminum, copper, nickel, stainless steel alloys, super-alloys and multi-layer combinations.



### PVD COATINGS

#### DECORATIVE

We offer a wide variety of PVD coatings which are ideal for instrument gauges and controls. Our coatings range from SuperChrome™ which has all of the benefits of decorative chrome without the harmful hexavalent chromium (Cr +6) compounds to gold tones and brass coatings.



#### REFLECTIVE

Reflective lighting is one of our specialties. Our metallizing technologies can be used on a wide range of substrates to create highly reflective surfaces.



### HMDSO (Hexamethyldisiloxane)

HMDSO is a chemical resistant, hydrophobic coating that protects instruments, while providing lubricity and reducing friction.



### TiN (Titanium Nitride)

Ideal for use on pins, gauges, implants and guide wires, TiN reduces wear, improves lubricity and increases corrosion resistance. This ultimately increases the performance and lifespan of the surgical device.



### TiN/CrN (Titanium Nitride / Chromium Nitride)

Extend the life of your mold with a layered protective coating. Often TiN with an overlay of CrN is used for protection of the mold, as well as protection of the TiN under layer. When the CrN wears down, the protective layer of TiN still remains on the tool. With a seed layer of TiN under the CrN, the coating can be stripped away and replaced as needed. The TiN, being gold in color, also provides a visual wear indication after the CrN has been worn off of the part.

ISO 9001, TIER 1 SUPPLIER, ITAR REGISTERED,  
ROHS COMPLIANT, QMED COMPLIANT

#### FIND OUT MORE

Vergason Technology, Inc.  
166 State Route 224  
Van Etten, NY 14889 USA

+ 1.607.589.4429  
[www.vergason.com](http://www.vergason.com)  
[info@vergason.com](mailto:info@vergason.com)

Founded in 1986, Vergason Technology, Inc. has been a global leader in coatings and shielding services for over 25 years. Our PVD systems have become the industry standard in the coatings market. VTI is leading the effort to eliminate the release of VOCs by perfecting the use of high-solids ultra-violet light curing coatings. As we continue our pioneering developments, our effort is to produce, promote, and utilize environmentally-conscious equipment and practices that are core to our company mission.