



Surface Enhancement Experts

FluoroMed[®]
 Permanently Bonded
 Low Friction PTFE Coatings

Key Features

- **Tight and Consistent Tolerances** - Ability to apply PTFE coatings with a nominal thickness from .0003 to .001 inches (7-25 microns) with a tolerance down to +/- .0001 (2.5 microns)
 - **Uniform Coverage and Precision Masking**
 High volume production coating work processed using state-of-the-art automation equipment assuring uniform coating coverage from length to length and part to part.
 - **Ultra Accurate, State-of-the-Art Measurement Devices**
 Digital and mechanical micrometers, tensile measurement and ISO test protocol equipment. Fully equipped measurement capabilities utilizing Mitutoyo, Laser Mike, Keyence digital, CCD micrometers, and tensile measurement equipment with full laboratory calibration. Full certification and traceability to the U.S. Bureau of Standards.
 - **In-House Fabrication**
 SSG designs and builds automated application machinery & testing devices.
 - **Rapid Prototype Turnaround**
 Fully staffed, prototype and custom coating department for rapid turnaround of prototype coated parts.
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- **Color Availability**
 SSG offers 9 different PTFE colors. Green, blue, white, yellow, flesh, red, black, clear, grey, and custom colors.
 - **PFOA-Free** - SSG offers PFOA-free PTFE coatings.
 - **Acid-Free** - SSG offers acid-free PTFE coatings.
 - **Anti-Microbial** - All of our PTFE coatings have the option of being anti-microbial per your request.
 - **Nitinol**
 Offering a line of PFOA/acid-free PTFE coatings with a cure of 450°F, providing no change in the properties of Nitinol.
 - **Sterilization and Autoclave Resistant**
 - **Staff with 100 Plus Years Combined PTFE Coating Application Experience**

Examples of Medical Products Coated by Surface Solutions Group

Cut To Length Wire	Cut To Length Coils	Continuous Wire	Mandrels
Probes	Needles	Assemblies	Biopsy Devices



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