



# FluoroMed® Coatings List

Surface Enhancement Experts

FLUOROMED® COATING SYSTEMS	CHARACTERISTICS	OPERATING TEMPERATURES	THICKNESS	PFOA	BIOCOMPATIBILITY COMPLIANT	SUBSTRATE	NITINOL COMPATIBLE	ANTI-MICROBIAL	REEL TO REEL
<b>Slick Sil<sup>SM</sup> LSR</b> (Tinting Available)	Excellent Low Friction Excellent Elongation Chemical Bond	400° F	.0005-.001	Free	Yes	Silicone Rubber	N/A	Yes	N/A
<b>Electro Bond<sup>SM</sup></b> <small>*Electrosurgical device coating</small>	Excellent Non-Stick Excellent Coating Coverage	840° F	.001-.004	Free	Yes	All Metals	No	Yes	N/A
<b>FluoroMed UB2-MA-847</b> <small>(Green, Gray, Blue, Brown, Purple) Other dark custom colors available</small>	Superior Low Friction Excellent Release	500° F	.0001-.0006	Low	Yes	All Metals	No	Yes	No
<b>FluoroMed ON2-115</b> <small>(Blue, Green, Orange, Yellow) Other custom colors available</small>	Good Low Friction Good Release	500° F	.0001-.0006	Free	Yes	All Metals	Yes	Yes	Yes
<b>FluoroMed UK3-5597</b> <small>(Green, Blue, Black, Clear, Purple, White, Blue, Gray)</small>	Excellent Low Friction Excellent Release	400° F	.0001-.0006	Free	Yes	All Metals	No	Yes	Yes
<b>PEEK &amp; PEK</b> (Clear & Black)	Good Low Friction Superior Wear Resistance	600° F	.0006-.002	Free	Yes	All Metals	No	Yes	Yes
<b>PFA</b> (Clear & Black)	Excellent Release Excellent Chemical Resistance	500° F	.001-.006	Free	Yes	All Metals	No	Yes	No
<b>FEP</b> (Black & Green & Gray)	Good Low Friction Excellent Release	400° F	.0002-.001	Free	Yes	All Metals	Yes	Yes	Yes
<b>PTFE</b> (Black & Green)	Excellent Low Friction Good Release	500° F	.0002-.001	Low	Yes	All Metals	Yes	Yes	Yes
<b>FluoroGlass®</b> (Clear)	Excellent Release Excellent Chemical Resistance	500° F	.001-.006	Free	Yes	Glass	N/A	Yes	N/A
<b>Nylon</b> (Many colors available)	Good Low Friction Good Chemical Resistance	280° F	.002-.020	Free	Yes	All Metals	Yes	Yes	N/A

\*Covered by U.S. Patent no. 7,147,634 and one or more pending U.S. Parent Applications



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Free Engineering Evaluation

TURN  
PAGE  
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# FluoroMed<sup>®</sup>

## Evaluation Request

Surface Enhancement Experts

Please advise the purpose of this evaluation:		New Project		R&D		Quotation		Engineering Feasibility	
Project Name:		Today's Date:		Date Reply Needed:					
<b>1. COMPANY/CONTACT INFORMATION</b>									
Company:				Your Web URL:					
Address:			City:		State:		Zip:		
Your Name:			Title:			Email:			
Phone:			Ext.:		Fax:				
<b>2. APPLICATION DATA</b>									
Part Name/Number:				Substrate Material:					
Brief description of application and end use:									
Present Coating:									
What needs to be improved with your present coating or service?									
Describe the cleaning method used on raw components before they are sent in for coating application?									
Type of sterilization									
ETO or Gamma Radiation?			Cycle Temperature?			Cycle Humidity?			
<b>3. WHAT FUNCTION DO YOU EXPECT THE COATING TO PERFORM?</b>									
<b>4. RATE THE IMPORTANCE OF THE FOLLOWING CHARACTERISTICS AND PROVIDE SPECIFICATIONS OF THE APPLIED COATING. (Rating – enter a number from 0-6)</b>									
6: most needed 1: least needed 0: not needed	Non-stick	Friction	Abrasion	Chemical	Electrical	Conductivity	Operating Temperature Range		+ _____ °F
	Wear Resistance	Release	Corrosion Resistance	Insulation	Easy Clean			- _____ °F	
<b>Quality Testing Requirements</b>									
IPA Rub Test				ISO Mandrel Test					
Adhesion - Tape Test									
Visual Testing- Magnification									
List any other testing that is required of the coating?									
<b>6. PRODUCTION DATA/TIMELINE</b>				<b>7. DIMENSIONS &amp; MASKING (SKETCH OR DRAWING INCLUDED)</b>					
Yearly Production		Lot Size(s)							
Turnaround Time Required									
Timeline: Now		0-30		31-90		90-120 + Days			
<b>8. SPECIAL ASSEMBLY, TESTING PACKAGING OR SHIPPING REQUIREMENTS?</b>									
How did you hear about SSG?									

If you require an NDA to be signed by Surface Solutions Group please fax or email a copy  
 Fax your evaluation to our Solutioneering Department at (773) 282-9155

