



# First Contact™

## FC Gold First Contact Polymer



FCGP v 1.1

**First Contact™** Gold polymer (FC Gold) is yet another blend of designer polymers and solvents and was specifically developed and engineered to have minimal adhesion on gold and gold coated optics. While our Red First Contact Polymer has been used since inception on gold optics and has been found to be safe and qualified by LIGO and others, our new FC Gold formula exhibits just 1/5<sup>th</sup> the adhesion of Red on some gold and 1/20<sup>th</sup> that of Red on some electrodeposited gold coatings. FC Gold is a colorless designer polymer blend that is applied, dries, and is peeled off, leaving no residue, just like all other First Contact Polymers.

Those in the optics and coatings industry know and understand that gold coatings exhibit very low adhesion unless the substrate is properly cleaned and plasma etched, and an adhesion layer such as chromium is applied between the substrate and gold. FC Gold polymer gives the best opportunity for success if the coating integrity is suspect or unknown.

Following innumerable hours of development and testing, our engineers and management approved FC Gold for production and sale knowing it meets our, and our customers strict quality control requirements. FC Gold cleans to the molecular level, leaves no residue, and exhibits the same low adhesion customers expect from **First Contact™** products and is safe for all coatings, thin films, etc., meeting ASTM and MIL Standards for coating adhesion.

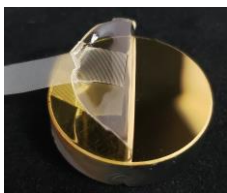
- CLEANS contaminants and nano-particulates
- PROTECTS substrates from airborne contaminants
- LEAVES no residue
- SAFE for optical thin films
- REMOVES residues left by other “cleaning” techniques



**First Contact™** FC Gold polymer is available in spray and non-spray formulas. Testing has demonstrated both spray and non-spray exhibit the same low adhesion characteristics.

When dry, **First Contact™** FC Gold polymer forms a film with high mechanical strength similar to our other **First Contact™** polymers. It cleans rough, flat, or curved surfaces and always peels off completely without leaving any residue.

## First Contact™ Polymers – A Solution for Precision Cleaning Needs!



**First Contact™** Polymer Solutions allow protecting and cleaning in situ because the polymer film stays in place and keeps the substrate clean. Simply peel the film off after it is dry and use the clean surface whenever and wherever it is needed!

Apply. Dry. Peel.

1/20<sup>th</sup> of the adhesion of scotch tape

No residue

Contact Photonic Cleaning Technologies or one of our distributors for more information.

**Photonic Cleaning Technologies, LLC**

Platteville, Wisconsin 53818-8977 USA

+1 608 467-5396

[www.PhotonicCleaning.com](http://www.PhotonicCleaning.com)



[sales@PhotonicCleaning.com](mailto:sales@PhotonicCleaning.com)