



First Contact™

Water Resistant Polymer – FC WR



FCWR v 1.1

First Contact™ Water Resistant Polymer (FC WR) is a blend of designer polymers and solvents specifically developed to resist water intrusion under, or permeation through, the dry polymer film. For quite some time, customers inquired about a water-resistant polymer to protect during operations involving water-based liquids, such as those used during dicing or polishing, or to protect optics in high-humidity environments without leaving residue.

Our existing polymers, renowned for cleaning and protecting precision surfaces and leaving no residue, can release when immersed in water or aqueous solutions. After considerable development and testing, we have developed FC WR Water Resistant Polymer. FC WR is a colorless designer polymer blend that is applied, dries, and is peeled off, leaving no residue, just like all other First Contact Polymers.

The FCWR Water Resistant Polymer also 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. This new and unique designer polymer formulation passed static and agitated water immersion testing for up to 24 hours at room temperature and up to 25°C. Our engineers spent countless hours developing and testing this new formula to ensure it meets our, and our customer's, strict quality control requirements.

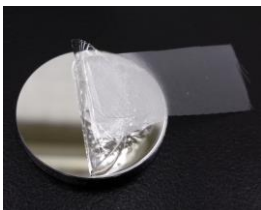
- CLEANS contaminants and nano-particulates
- PROTECTS substrates from airborne contaminants
- LEAVES no residue
- SAFE for optical thin films

First Contact™ FC WR Water Resistant Polymer is available in spray and non-spray formulas. Testing has demonstrated that both formulas exhibit the same low adhesion characteristics as our other polymers.



When dry, **First Contact™** FC WR Water Resistant 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. 1/20th 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

sales@PhotonicCleaning.com