

**FOR IMMEDIATE RELEASE**  
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## **IPS Introduces a new High Purity PTFE Pressure Regulator**

Irvine, California – June 18, 2015: International Polymer Solutions Inc. introduces our new **IPS PTFE Pressure Regulator**. The IPS PTFE Pressure Regulator is designed for use with high purity water systems and aggressive chemical applications to regulate and maintain a constant pressure downstream of the valve and prevent over-pressurization of sensitive equipment.

Designed with a 100% PTFE wetted flow path, the **IPS PTFE Pressure Regulator** is ideal for DI Water Systems and corrosive media found in solar, semiconductor, pharmaceutical and chemical process applications.

The double diaphragm design is capable of managing potential turbulent flow from upstream pressure sources. By means of controlled orifices and compliance chambers, the higher pressure inlet turbulence flow is calmed to a smooth lower pressure outlet flow. The use of PTFE and TFM ensure maximum heat resistance and chemical inertness. These engineered polymers envelop the wetted flow path for both high purity and chemical resistance. The external spring housing, which is PVDF, can accommodate a wide range of media and environmental temperatures.

The two distinct pressure ranges, HI & LO, of the IPS PTFE Pressure Regulator, combined with the double diaphragm design, results in an exceptionally quiet running regulator. Unlike conventional regulators which tend to vibrate and operate at a noisy 80 to 85 dB at their extremes, our **IPS PTFE Pressure Regulator** operates at a quiet less-than-75 dB throughout its performance range.

IPS offers this **PTFE Pressure Regulator** in FNPT Pipe, Compression Tube, and Flare ported configurations with sizes ranging from 1/8" to 3/8". All configurations are fitted for panel mounting with an easy-to-grip adjustment knob. Custom port configurations and sizes along with base Flange Mounting options are available upon request.

These pressure regulators are excellent for use within wet benches and extreme pH applications such as: Chemical Synthesizer, Biomolecular Interaction Analyzer, Fermentation Process Bench, Electrophoresis Analyzer, Acid Parts Cleaning, Chemical Delivery, Chemical Neutralization, DI Water Rinse, Phosphoric Acid Nitride Removal, Potassium Hydroxide Etching, Sulfuric Peroxide Stripping, and Wafer Etching.

For further information on the **IPS PTFE Pressure Regulator** or any of IPS's High Purity Fluid Handling products, please visit IPS at [www.ipolymer.com](http://www.ipolymer.com) or contact IPS Customer Service at [info@ipolymer.com](mailto:info@ipolymer.com)



International Polymer Solutions Inc.  
Contact: Mike Siino  
Phone: 1-949-458-3731  
Web: [www.ipolymer.com](http://www.ipolymer.com)

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