

Poly-Ond® Performance

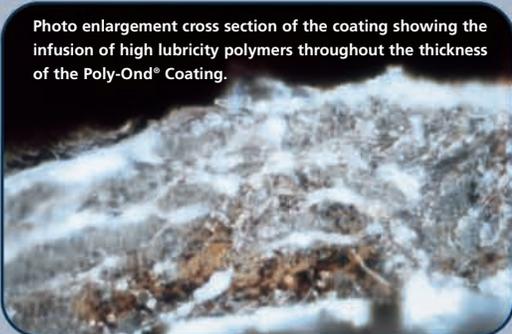
Poly-Ond® is a proprietary, dry, durable, and slippery coating. Poly Plating's exclusive liquid bath process makes a chemical deposition of nickel and phosphorus, impregnated with polymers, on the surface of metals. The result is a range of unique performance properties unmatched by any other metal plating technology.

Poly-Ond® was developed by Poly-Plating, Inc., a family owned business founded in 1976. Now in its second generation of ownership and management, the company has enjoyed continuing success through technological innovation and customer commitment. We offer normal 3-5 day turnaround from the time work is received until it is ready for shipment. Special rush arrangements made in advance can provide turnaround as fast as 24 hours.

Poly-Plating, Inc., has a long-standing record of environmental stewardship, including surpassing 500 other Massachusetts companies to win the Governor's Award for Toxic Waste Reduction. We're cutting costs for our customers while improving the environment.

For more information or to discuss your specific application, please call 413-593-5477.

Photo enlargement cross section of the coating showing the infusion of high lubricity polymers throughout the thickness of the Poly-Ond® Coating.



High Resistance to Corrosion

Poly-Ond® plated surfaces provide uncommon resistance to corrosion that lasts as long as the coating itself. Surfaces plated with Poly-Ond® even resist corrosion when continuously exposed to salt water and chemicals.

Poly-Ond® performance is proven under the toughest conditions. Metal panels coated with Poly-Ond® endured an accelerated time "salt fog" test for over 300 hours with no signs of corrosion (test ASTM-B-117). The U.S. Navy specifies Poly-Ond® to ensure corrosion free lubricity for components exposed to sea water on Aegis Missile systems.

Performance In Action

Poly-Ond® plated components on a customer's machinery, which have constant exposure to water and chemicals, show absolutely no corrosion even after four years.

