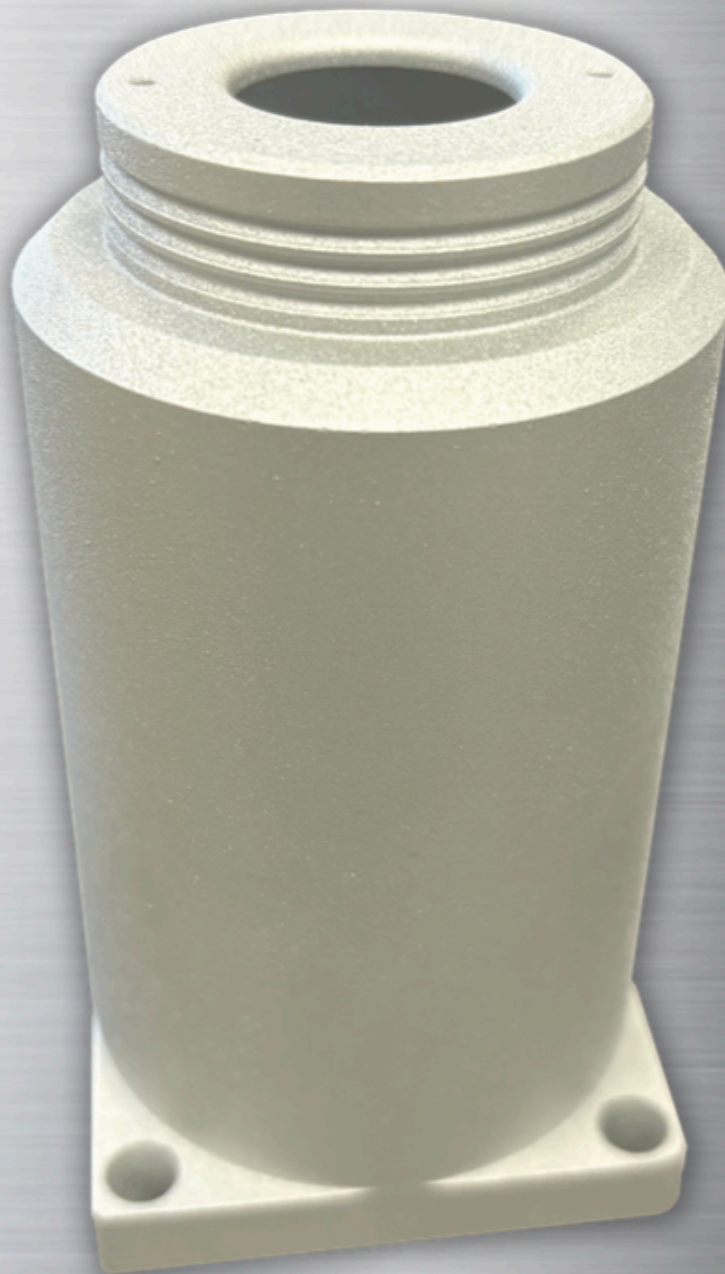




Houston Plating & Coatings

**An Approved Applicator of  
SermaGard™ Engineered  
Protective Coatings**



## Houston Plating & Coatings Is An Approved Applicator of SermaGard Engineered Protective Coatings

### Salt corrosion protection and UV resistance

Houston Plating now offers the SermaGard® line of sacrificial metallic/ceramic and non-sacrificial barrier coatings are designed for high temperature and corrosion critical applications. The SermaGard 1105/1280 coating system is in use in major offshore drilling, chemical and petrochemical facilities in the United States and worldwide. This aluminum-filled basecoat/resin-bonded fluoropolymer topcoat system is designed to provide outstanding salt corrosion protection and UV resistance for fasteners and components exposed to offshore atmospheric and subsea environments. The system meets the Shell Deepwater Supplement 40 Specification and Cooper Cameron Specification X-027127-01.

### SermaGard 1105

SermaGard 1105 provides protection to metal surfaces against atmospheric and chemical corrosion, wear, erosion, thermal oxidation, pitting and other destructive forces. The coating can withstand salt spray exposure for thousands of hours and protect parts at temperatures up to 1200°F.

SermaGard 1105 can be made conductive and sacrificial to all steels and many other alloys, extending the life of critical parts and, cutting costs through savings in parts replacement, repairs and lost production time.



SermaGard 1105 is a ceramic-metallic composite coating that provides protection to metal against harsh environmental and chemical conditions.



SermaGard 1280 is a silver metallic resin bonded fluorocarbon coating.

### SermaGard 1280

A silver metallic resin bonded fluorocarbon coating, SermaGard 1280 is designed for application over a SermaGard basecoat or zinc electroplating pretreatment.

Considered a topcoat, or sealer, 1280 extends corrosion protection in moist and high salt environments.

This topcoat can be applied over SermaGard aluminum basecoat for all offshore applications that require outstanding salt corrosion protection and UV resistance.

### SermaGard Applications

SermaGard coating has a peak operating temperature of up to 450°F and meets several automotive, oil, and gas specifications. This coating resists galvanic corrosion and any hydrogen embrittlement possibilities and is in full compliance with ELV, WEEE and RoHS.

Common applications can include fasteners, hanger rods, clamps, spring clips, roofing and decking nails, and stampings for bonded rubber applications such as chassis and engine mounts.



Electroless Nickel Plating • Liquid Salt Bath Nitriding / QPQ™  
Ni-side™ Cylinder Polishing & Plating • Phosphate & Oil Multi-Coat Epoxy System Dry  
Film Lubricant • Hempel • Xylan® • SermaGard™ • Molybdenum Disulfide

## **Your One-Stop-Shop for Wear and Corrosion Protection**

Offering a uniquely broad range of finishing processes, Houston Plating & Coatings has been the 'one-stop-shop' for corrosion and wear protection services for petroleum equipment and other manufacturers in Houston, across Texas, and around the nation since 1988.

Houston Plating is one of the few plating and coating firms in the nation to offer such a broad range of corrosion and wear protection services. For additional information, [houstonplating.com](http://houstonplating.com).



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**Electroless Nickel Plating / Spray Coatings / SBN-QPQ**  
**ISO 9001:2015 Certified**