



A DIVISION OF KAYAKU ADVANCED MATERIALS

Parylene Coating Services

Parylene is a unique class of vacuum deposited polymers that produce high quality, pinhole-free, conformal coatings.

Since 1981, Paratronix® has provided Parylene coating solutions to customers in the aerospace, defense, industrial and medical industries. During this time, we have developed our process and technology to ensure a quality product and repeatable results.

Paratronix® strives to meet and exceed customer expectations through product quality, on time delivery and responsive customer service. Our team prides itself on its flexibility, driving constantly to cater to our customers' ever-changing needs.

Why Use Parylene Coating?

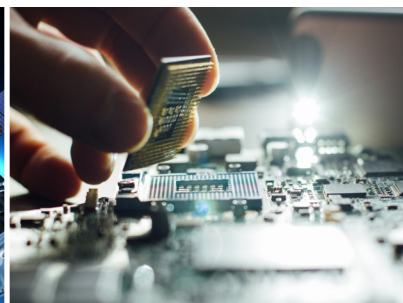
- Moisture barrier
- Dry film lubricant
- Dielectric layer
- Chemical resistant
- Biocompatible

Standards and Certification

- ISO:9001 certified
- ITAR registered
- REACH compliant
- RoHS compliant
- Meets requirements of IPC-CC-830/MIL-I-46058
- ANSI/ESD S20.20 compliant
- USP Class VI certifications for biocompatibility

Parylene Benefits

- Applied at room temperature, no final cure
- Highly corrosion resistant
- High dielectric strength
- Optically transparent
- Performs in extreme temperatures
- Superior solvent and acid resistance
- Biocompatible USP Class VI approved plastic
- Truly conformal
- Superb bacteria and fungus resistance
- Low moisture and gas permeability
- Low out-gassing
- Low coefficient of friction
- Approved for medical, military and aerospace applications



Parylene Coating Systems

Highly dependable vapor deposition systems, designed and manufactured by Paratronix, for clients whose circumstances justify bringing Parylene coating in-house.



Machine Features

- PLC/touchscreen control
- Design facilitates ease of maintenance
- UL508A listed for both US (UL) and Canada (CUL)
- CE certified
- Vibration free two-stage rotary piston pump
- Mechanical chiller (No LN2 required)
- Rugged frame and design for lasting operation
- Internal transformer allows for various voltage options

Included with Purchase:

- 1-year warranty
- On-site installation and training session
- Technical phone support
- Coating starter pack

Paratronix® Vertical Parylene Coating System Model V494

The Paratronix® V494 Parylene Coating System has a vertical coating chamber to facilitate a static coating process.

Paratronix® Horizontal Parylene Coating System Model H1092

The Paratronix® H1092 Parylene Coating System has a horizontal coating drum to facilitate tumble coating. The rotating drum allows small parts to be coated on all surfaces.

