

# Parylene Dimer for Every Application

**THE VSI GUARANTEE:** Great parylene coatings begin with trusting your dimer. VSI is committed to ensuring your experience with our line of proprietary dimers is a positive one. That is why VSI offers the industry's ONLY performance guarantee. If you are not 100% satisfied with the coating performance of VSI dimers, contact us within 60 days for technical support and/or a refund of the purchase price.



## HIGH PURITY

Free of mechanical or chemical binding agents.



## PERFORMANCE

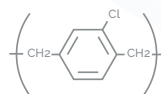
Meets or exceeds the coating quality of competitor dimers.



## COMPATIBILITY

Works with all parylene deposition systems.

## TYPE C

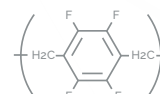


Parylene C is the most popular parylene type because it provides a combination of barrier and dielectric properties while also having cost and processing advantages.

**Parylene C is the best choice for:**

- » Implantable medical devices.
- » Pinhole-free barrier layers to electronics or materials from harsh environments.
- » Encapsulating electronics to provide dielectric protection.
- » Meeting IPC-CC-830 or MIL-I-46058C standards.

## TYPE N

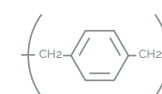


Parylene N is the base structure of the parylene group. Parylene N has excellent dielectric properties. It has a very low dissipation factor, high dielectric strength, and a low dielectric constant that does not change with frequency.

**Parylene N is the best choice for:**

- » Dry lubricity.
- » High frequency/RF applications because of its low dissipation factor at high frequencies.
- » Applications that require high penetration.

## TYPE F



Parylene F fills a niche because it is capable of higher operating temperatures and is more resistant to UV than parylene C or parylene N.

**Parylene F is the best choice for:**

- » Applications with higher temperature requirements.
- » For medical devices and R&D use only. Contact us for details.

## GET IN TOUCH

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