

CASE STUDIES

OVERVIEW

VSI Parylene provided our synchronized approach, joint development, and problem solving expertise for an electronic surgical implant supplier who was experiencing failures involving corrosion from bodily moisture in the field. Our team of engineers and parylene experts met to fully understand the importance of protecting these devices to ensure long-term use for those patients who so desperately depend on these devices to vastly improve sensory loss and experience a normal daily life.

VSI Parylene immediately tasked its key staff, experienced technicians, and experts to determine not only how to coat these small parts, but also to develop a customized process to apply a selective coating in a precise manner that no other parylene company could provide.

VSI Parylene was able to provide a solution in a few weeks. In fact, VSI went a step further and worked with top engineers to help redesign components with parylene applications to stop corrosion. VSI put this company on a high priority, fast track with rapid turnarounds, multiple iterations, and was able to validate a solution in a few weeks rather than several months.

