

NuSil Technology Unveils New Ultra Low Outgassing™ Potting and Encapsulating Silicone Elastomer

SCV-2585 is the latest addition to NuSil's line of Ultra Low Outgassing™ materials for Aerospace and Electronics applications.

Carpinteria, California – August 11, 2009 - NuSil Technology (<http://www.nusil.com>), a cutting-edge manufacturer of silicone-based materials for aerospace, aircraft, electronics and photonics industries, recently added SCV-2585, a new potting and encapsulating elastomer offering robust mechanical and physical properties, to its line of Ultra Low Outgassing™ silicone materials.

SCV-2585 is an excellent fit for electronic and space applications requiring Ultra Low Outgassing and minimal volatile condensables under extreme operating conditions. Due to its high tear strength, SCV-2585 is ideal for use in potting connectors, cable harness breakouts, molded high-voltage terminals, and seals and gaskets. This elastomer far surpasses industry-standard ASTM E595 and boasts $\leq 0.010\%$ CVCM and TML $\leq 0.10\%$, while maintaining excellent mechanical and physical properties, which are often compromised when achieving low outgassing and Ultra Low Outgassing™ properties.

“Physical and mechanical properties in combination with low outgassing requirements have traditionally been a give and take,” said Brian Nash, vice president of Sales & Marketing at NuSil Technology, “but SCV-2585’s unique chemistry creates a durable material, while still far exceeding industry standards for CVCM and TML.”

With a work time of 30 to 90 minutes and tack-free in eight hours, SCV-2585 offers convenience and simple application. It also features a wide operating temperature range and the ability to accelerate cure with the addition of heat.

For more information on NuSil’s silicones for aerospace applications, visit <http://www.nusil.com/products/engineering/aerospace> or call 805-684-8780.

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About NuSil Technology

NuSil is a cutting-edge manufacturer of silicone compounds for healthcare, aerospace, electronics, photonics and other applications that require precise, predictable, materials performance. ISO 9001 certified since 1994, NuSil operates state-of-the-art laboratories and processing facilities in North America and provides on-site, in-person application engineering support worldwide. More information about NuSil Technology can be found at www.nusil.com