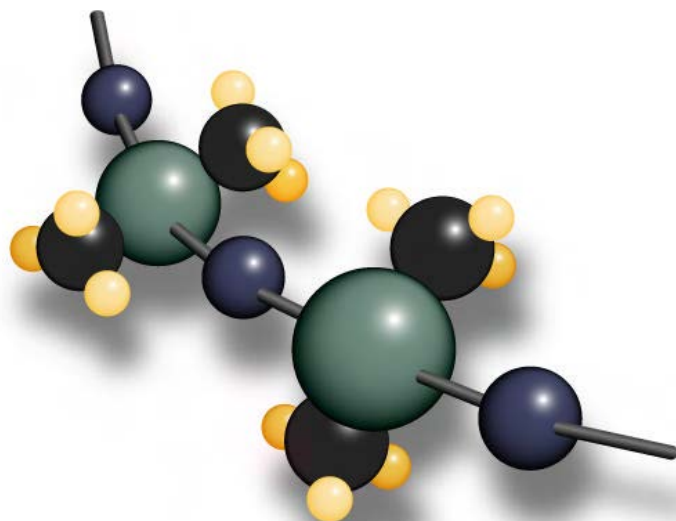


Polymer Systems Technology Limited

UK & Ireland Distributor

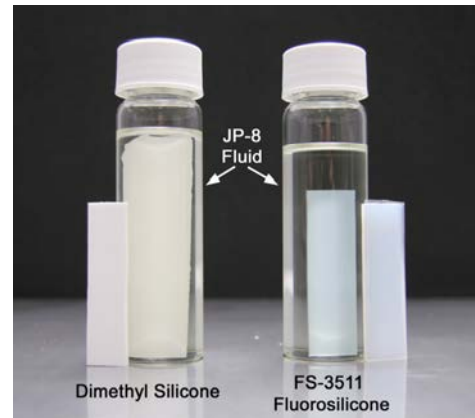


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NUSIL TECHNOLOGY INTRODUCES 100M% FLUOROSILICONE LIQUID SILICONE RUBBER

*FS-3511 is ideal for molding high-quality parts
that require resistance
against hydrocarbons and solvents*



Carpinteria, California, May 4, 2011 — NuSil Technology LLC (<http://www.nusil.com>), the global leader in silicone materials for the aerospace, aircraft and automotive industries, introduces its latest innovation in silicone technology: FS-3511, a 100M% fluorosilicone liquid silicone rubber designed for molding high-quality parts.

[FS-3511](#) is a two-part, translucent fluorosilicone elastomer that cures rapidly with heat and provides minimal shrinkage. With a long work time, FS-3511 provides excellent processability for liquid injection molding. This elastomer is specially formulated for high-quality molded components that are exposed to aviation fuels such as JP-8, chemicals and solvents. Typical applications include O-rings; gaskets; seals; and precision-molded parts for the automotive, aerospace, sensor and oil industries. In addition, FS-3511 is ideal for applications in which vibration dampening and shock absorbency is required.

With lower moisture permeability compared to most standard dimethyl silicone systems, FS-3511 is well suited for applications requiring a medium durometer silicone that can resist water-vapor permeation. It is stable in harsh thermal environments of up to 275°C and offers stability during thermal cycling.

“Whether for a mission or a product, the need for superior performance in chemically harsh environments is critical for success,” said Brian Nash, vice president of sales and marketing, “FS-3511 is a great addition to our fluorosilicone line, simplifying the processing of high-precision parts for a multitude of applications.”

FS-3511 has excellent mechanical properties with a typical tensile strength of 850 psi (5.9MPa), elongation of 240%, and tear strength of 40 ppi (7.1 kN/m). It also provides excellent unprimed adhesion to various components used in the automotive and aerospace industries. FS-3511 can

NuSil Technology Introduces 100M% Fluorosilicone Liquid Silicone Rubber

be customized to match Federal Color Standards, as well as Pantone Matching System (PMS) colors.

For more information, please contact NuSil or visit <http://www.nusil.com/products/aircraft>.

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About NuSil Technology LLC

NuSil is a leading formulator of silicone compounds for healthcare, aerospace, electronics and other applications requiring 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 LLC can be found at <http://www.nusil.com>.