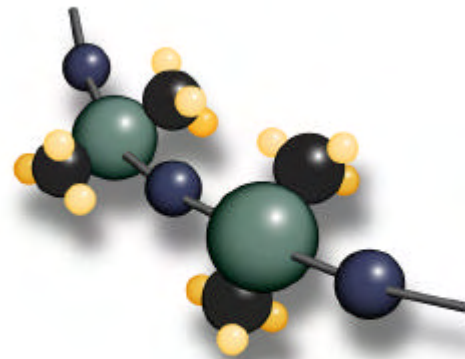


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Silicone Colored Inks

Common inks tend to fail when introduced to extreme conditions or silicone substrates. NuSil Technology offers silicone inks designed to address this challenge. The R-1008-X silicone ink series is non-corrosive and features excellent adhesion to a variety of substrates, especially to other silicones. The unique materials are one-part, flowable silicone dispersions that cure rapidly at room temperature when exposed to atmospheric moisture. Silicone primers, such as SP-120 and SP-121, are also available and can improve adhesion for more difficult non-silicone substrates. R-1008 is both un-pigmented and translucent and it is available in eight standard colors (white, black, red, orange, yellow, green, blue and violet – see chart below). As an added convenience, the R-1008 is ready to be applied using a variety of production printing methods such as pad printing or screen printing systems. Application thickness may cause color variance.

Common Applications

- Cured & Molded Silicone Parts
- Components with abrasion requirements
- High reliability coatings under harsh environments

Customization

Custom colors and formulizations are available upon request. NuSil Technology has the capability to utilize the Pantone Matching System (PMS) and Federal Standards to meet your color requirements.

Typical Properties

Cure System	Cure Time	Solvent Carrier	Viscosity	Mix Ratio	Operating Temperatures
Oxime	24 Hr Minimum	30% Xylene	1,150 cPs	1 part	-50°C to 200°C

R-1008	R-1008-1	R-1008-2	R-1008-3	R-1008-4	R-1008-5	R-1008-6	R-1008-7	R-1008-8
N/A -Clear-								

NuSil is a cutting-edge manufacturer of silicone compounds for healthcare, aerospace, electronics, photonics and other applications that require precise, predictable, cost effective materials performance. ISO 9001:2000 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. NuSil received AS 9100 International Aerospace Standard Certification in 2008.

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