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SILICONE FLUID 1000 VISCOSITY

ArroChem's Silicone Fluid 1000 Viscosity is a premium-grade silicone-based fluid with a high viscosity of 1000 centistokes (cSt). It is a clear, colorless, and odorless liquid that offers exceptional thermal stability, low surface tension, and resistance to oxidation and moisture. Silicone Fluid 1000 Viscosity is commonly used in various industrial and commercial applications where higher viscosity and heat resistance are required.

General Characteristics:

Appearance:	Clear, colorless liquid
Chemical Composition:	Polydimethylsiloxane (PDMS)
Solubility in Water, 25°C:	Insoluble
Viscosity:	1000 cSt (at 25°C)
Specific Gravity:	0.97 - 0.99 g/cm ³ (at 25°C)



APPLICATION:

Silicone Fluid 1000 Viscosity finds applications in various industries, including but not limited to the following:

- **Heat Transfer Fluid:** Used as a heat transfer fluid in high-temperature applications, such as heat exchangers, ovens, and furnaces, due to its excellent thermal stability.
- **Hydraulic Fluid:** Utilized as a hydraulic fluid in certain systems where high viscosity is required for smooth and controlled operation.
- **Release Agent:** Serves as a release agent in mold release applications, providing easy demolding of finished products.
- **Electrical Insulation:** Employed as an electrical insulation fluid in transformers and electrical components due to its dielectric properties and high thermal resistance.