



Factor II, Incorporated

Inventing and Innovating...
(Information: 1.928.537.8387)
ONLINE ORDERING www.factor2.com

PRODUCT INFORMATION **A-310-50, A-310-1000 & A-310-20**

PRODUCT DESCRIPTION:

Silicone fluids that are 100% active dimethylpolysiloxane.

Properties:

- Very good resistance to high and low temperature.
- Good combustion resistance.
- Good dielectric properties.
- Low surface tension.
- High compressibility.
- Absence of aging upon exposure to atmospheric agents.
- Good oxidation resistance.
- Little change in viscosity with temperature.
- Good resistance to high and prolonged shear stress.

Applications:

- Dielectric fluids (impregnation of paper for condensers).
- Anti-blotting products for photocopying machines.
- Thinning and plastifying agents for RTV's and silicone sealants.
- Lubricating and heat protecting agents for textile threads (synthetic sewing threads).
- Ingredients in maintenance products (polishes, wax polishes, floor and furniture polishes, etc.).
- Paint additives (anti-cratering, anti-floating/flooding and anti-scratching effects, etc.).
- Release agents (mould release of plastics and metal castings).
- Lubricants (lubrication of elastomers or plastics on metals).
- Surfactants for styrene-butadiene foam.

Characteristics:

Appearance: Colorless, limpid liquid

	<u>A-310-50</u>	<u>A-310-1000</u>	<u>A-310-20</u>
Viscosity at 25°C	50	1000	20
Specific gravity at 25°C	0.959	0.970	0.95
Flash Point	280	300	230
Freezing Point(approximate)	-55	-50	-50
Refractive Index at 25° C (approximate)	1.402	1.403	1.400
Surface Tension at 25° C mN/m	20.7	21.1	20.6



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Vapor pressure at 200°C, Pa approx.	1.33	1.33	1.33
Thermal conductivity, W/m°C, approx	0.16	0.16	0.14

Packaging:

Available in 16oz and Gallon. Call Factor II for pricing.

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