



## US-G-48 Translucent Silicone Grease

**US-G-48** is a translucent semi-flowable paste, providing electrical insulation, low volatility for use in vacuum and pressure environments.

Also used as a release agent, mold release, and lubrication in valves and O-ring systems.

### Product Features

- Excellent thermal stability
- Non-melting and insoluble in water
- Resists oxidization
- Non-toxic
- Electrical and Thermal insulating
- Low volatility to hold in deep vacuum applications

**Color:** Translucent

### Typical Applications

- Seals and lubricates gaskets, seals and valves
- Helps to maintain both vacuum and pressure when used on seals
- Waterproofs outdoor and marine electrical connections in high moisture environments

### Typical Properties

<b>Color:</b>	Translucent
<b>Penetration:</b>	185
Specific Gravity:	1.04
Consistency:	Thixotropic Paste
Bleed, 24 Hours @ 200C	0.05%
Evaporation, 24 Hours 200C	1.1%
Drop Point:	>300C

**Packaging:** Available in 1 lb, 2lb, 4lb and 8lb. jars, 40 lb. pails and 440 lb. drums. This product is also available in customer defined packaging sizes, upon request.

**Solids:** 98% solids, contains no solvents

**Service temperature:** -40°C to 204°C

**Limitations:** Prior to use keep away from strong bases and high temperatures.

**Handling and safety:** For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to MSDS.

**Shelf-life:** Sealed containers guaranteed for 1 year from the ship date when stored in a cool dry area below 70°F.