



US-G-42 Translucent Silicone Grease

US-G-42 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

| | |
|----------------------------|---------------------|
| Color: | Translucent |
| Penetration: | 220 |
| Specific Gravity: | 1.02 |
| Consistency: | Semi-flowable 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.