



# PRODUCT DATA SHEET

## Industrial Grade Dielectric Silicone Grease NSF H1 Registered Stock No. B-20535



BTS Dielectric Silicone Grease is a non-hardening and non-carbonizing silicone lubricant which also provides excellent dielectric properties with physical and thermal stability. This formula is insoluble in water, methanol, ethanol, dilute acids and caustics, vegetable and mineral oils, glycol and glycerine. It is blended to meet temperature and mechanical stability requirements. It offers chemical resistance and a long service life, and provides long-lasting lubrication, including rubber and plastic applications. Uses include spark plug boots, distributor caps, O-Rings, valves and controls, water faucets, and all types of mechanical and electrical connections.

**NSF H-1:** Registered for lubricating applications for equipment in the food industry.  
**V.O.C.:** Compliant with all U.S. State and Federal Regulations

### BENEFITS

- Waterproof- will not wash out.
- Superior resistance to a wide range of chemicals.
- Stable Mechanical & Temperature Consistency from -40°F to 550°F (-4°C to 288°C)
- Seals out moisture, dirt & other contaminants.
- Non-Toxic
- Extremely Low Volatility

### APPLICATIONS

- Automotive
- Appliance
- Construction
- Industrial
- Manufacturing
- Utilities
- Marine
- Maintenance
- Recreational Vehicle

### USES INCLUDE:

- O-Rings
- Seals
- Valves
- Faucets
- Spark Plug Boots
- Distributor Caps
- Lock Mechanisms
- Trailer Connectors
- Light Bulbs
- Electrical Connectors
- Flow Meter Bearings
- Water Softener Valves

### SPECIFICATIONS

**Tube Size:** 3 oz.  
**Net Weight:** 3 oz. (85g)

**Carton Pack:** 6  
**Brush Top:** no

### PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Range:** Not Available  
**Penetration:** 230-245  
**Solubility in Water:** No  
**Appearance:** Translucent White  
**Flash Point:** 570°F (289.89°C)  
**Bleed, % 24 hr.@390°F:** 0.0

**Specific Gravity:** 1.03  
**Evaporation Loss, % 24 Hr.@390°F:** 0.38  
**Water Washout, %:** 0.25  
**Dielectric Strength, KV@25°C:** 45  
**Method Used:** Open Cup [Cleveland]  
**Pour Point:** -50°F

### HMIS RATINGS

Health 1  
Flammability 1  
Reactivity 1  
Personal Protection

*All information is subject to change. Not responsible for errors.  
We recommend you call to verify product specifications before ordering.*

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