

## SILICONE PASTE

**Spanjaard Silicone Paste** consists of a silicone oil, thickened with an inorganic gelling agent to form a "non-melting" stable paste. In addition to its usefulness as a lubricant it is highly resistant to water, has excellent insulating properties and had many applications as a release agent.

### APPLICATIONS

**Lubricant** - to lubricate parts and bearings under low speeds and light loads. Lubricates and does not affect rubbers and plastics e.g.

- Refrigerator and card door seals.
- Swimming pool rubbers and seals.
- Plastic gears and mechanisms.
- Electric cables drawn through conduit.
- Laboratory glass joints.
- Rubber components and cylinder rolls in train air brake applications.
- NSF registered (H1 and H2 status).
- Meets requirements of British Mil. Spec. XG-250.

Not suitable for High Impact Polystyrene (HIPS).

**Water and Corrosion Resistance:** Seals electrical equipment against the ingress of moisture, and protects metal parts against corrosion e.g.

- Seals outdoor electrical fittings.
- Protects chrome plating.
- Seals screw threads and automobile battery terminals.

**Insulating Compound:** **Spanjaard Silicone Paste** is non-conductive and prevents electrical leakage and short circuiting e.g.

- Sealing and potting of electrical and electronic components.
- Prevents tracking on insulators.
- Protects automobile ignition systems. Prevents ionisation and sparking on electrical equipment.

**Releasing Agent:** Acts as a releasing agent in the rubber and plastics industries as well as many others e.g.

- Can be used as a release agent for polystyrene, PVC, phenolic and other resins.
- Prevents binding of components when coiled insulation varnish is cured at high temperatures.
- Acts as a mould release for rubber as well as a lubricant and preservative.

- Prevents resin build up when epoxy and other glues are used.
- Prevents icing up in deep freezers & on ski bindings.

### APPLICATION INSTRUCTIONS

Apply with brush, finger or grease gun.

### TYPICAL PROPERTIES

Consistency - NLGI grade	3
Worked Penetration, 25°C, 1/10mm	220
Colour	White translucent
Thickener	Silica
Drop Point, °C	None
Evaporation Loss 30hrs @ 175°C,%	1,0
Dynamic Rust Test	<1
Copper Corrosion - 24hr/100°C	Pass
Oil Bleed 30h @ 175°C,%	0,2
Water Wash Out @ 93°C,%	1,0
Timken OK Load, kg	1
Oxidation Resistance, D942,%	1,0
Dielectric strength, kV/mm	15

Useful Temperature Range °C -40 to 200

### SILICONE OIL PROPERTIES

Oil Viscosity cSt, 40°C	750
Flash Point, °C	>250

### HANDLING AND STORAGE

Store under cover with lid closed. Keep out of reach of children.

### PACKAGING

- 100g tube
- 500g tin
- 5kg tin
- 15kg keg



CP/mg/ Silicone Paste – Oct 2017