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**Innovative Chemistry For High-Tech Applications**

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**SIL-CON**  
**ELECTRICALLY CONDUCTIVE FLEXIBLE**  
**2 PART SILICONE**

SIL-CON is a two component, 100% solids, very flexible potting compound that offers electrical conductivity and good temperature resistance along with excellent flexibility and strength. Other advantages of SIL-CON include:

- Ambient or heat accelerated cure cycle
- Easy removal for component repair or replacement
- Long pot life after mixing
- Solvent resistance

SIL-CON can be used as a sealing gasket for EMI/RFI shielding applications, or as a flexible conductive interconnect between two surfaces.

**TYPICAL PROPERTIES**

	<i>Component A</i>	<i>Component B</i>
Appearance	Green/Silver Paste	Translucent Liquid
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Viscosity After Mixing (#7 Spindle)	<1,500 cps	
Cure Schedule	150°F For 3 Hours -or- 210°F For 1 Hour -or- 275°F For 20 Minutes -or- 300°F For 10 Minutes -or- Room Temperature For 48 Hours	
Working Life (25°C)	4 to 6 Hours	

**PHYSICAL PROPERTIES AFTER CURE**

Shore 'A' Hardness	50
Tensile Strength	220 psi
% Elongation At Break	210%
Volume Resistivity	.06 Ω-cm maximum

**For optimal electrical properties, SIL-CON should be de-aerated under vacuum after mixing to remove entrapped air.**

**To enhance bonding, substrate surface should be cleaned thoroughly and abraded when possible. Bonding can also be improved by wiping primer onto cleaned surface and allowing it to dry completely before applying SIL-CON.**

*NOTE: Although the above typical properties are accurate to the best of our knowledge, Conductive Compounds, Inc. makes no guarantees for customer specifications established in applications where this product is used. Customer assumes responsibility for determining fitness of use in their particular application.*