

## SGM496 Pink Silicone Grease

Description	Property	Test Method	Value
This is a water repellent, non-melting silicone grease developed to meet the special requirement of High Voltage insulator coating	<b>Product</b>		
<b>Key Features</b>	Bleed %		0.1 %
<ul style="list-style-type: none"> <li>Excellent work stability</li> <li>Non melting even in hot climates</li> <li>Tinted pink for visual inspection aid</li> <li>Excellent water repellence</li> </ul>	Color		Pink
<b>Application</b>	Density	BS ISO 2781	1.00 g/cm <sup>3</sup>
HV Insulator Grease	Max Storage Temperature		40 °C / 104 °F
<b>Use and Cure Information</b>	Max Working Temp		200 °C / 392 °F
<b>Typical Applications</b>	Min Working Temp		-50 °C / -58 °F
Humidity and industrial/natural contaminants have long been a cause of leakages and flashovers on HV insulators. Experience has shown that a layer of silicone grease can eliminate this problem, not only by shedding water, but also by encapsulating any contaminating particles, thus preserving an unbroken dielectric surface at all times.	Penetration (150g Cone)		195 mm x 10
<b>How to Use</b>	Rheology		Paste
May be applied as received by brushing onto insulators this will give a coating of approximately 0.5mm on a horizontal surface. If preferred, the product can be applied as 30% dispersion in organic solvent by spraying which will give a coating of approximately 0.25mm in a single pass without sagging or runs.	Silicone Yes/No		Yes
After allowing a short time for the solvent to evaporate, subsequent coats can be applied; insulators should be cleaned before application. In all cases the insulator should be polished with a clean rag charged with grease to force the grease into intimate contact with the surface; thus, ensuring subsequent layers; however, they are applied; are well bound to the surface.	Thermal Conductivity		0.2 W/mK
<b>Health &amp; Safety</b>	Weight Loss %		<0.5 %
<b>Health and Safety</b>	Worked Penetration (150g Cone)		213 mm x 10
Safety Data Sheets available on request.	<b>Electrical Properties</b>		
<b>Packaging</b>	Dielectric Breakdown (kV/mm)		26 kV
CHT Greases are available in a variety packaging including bulk containers. Please contact our sales department for more information.	Dielectric Constant	ASTM D-150	2.9
	Dielectric Strength (V/mil)		495 V/mil
	Volume Resistivity (Ohms cm)	ASTM D-257	1E+15 ohms cm
	<b>Storage</b>		
	Shelf Life		24 mths

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