



**SILICONE GREASE FOR ELECTRICAL INSULATION**

**NATO CODE S-736**

**DESCRIPTION**

Nyco Grease GN 69 is a heat-stable silicone oil thickened with a non-melting gelling agent.

**APPLICATIONS**

Nyco Grease 69 is used as a filling compound in high tension electrical equipment and ignition systems to provide insulation over a wide temperature range of -54°C to +204°C.

Nyco Grease 69 may also be applied as a coating on electrical contacts and other electronic circuits.



**SPECIFICATIONS \* / OEM's & Airframers reference**

- Equivalent to DEF STAN 68-69 Iss.1 – XG-250
- Equivalent to DCSEA 636/A

\* **Equivalent:** The product complies with the major requirements of the specification

CHARACTERISTIC	UNIT	TYPICAL RESULT	DEF STAN 68-69 LIMIT	TEST METHOD
Appearance	-	conform	Homogeneous, smooth, white translucent paste	visual
Dropping Point	°C	> 300	-	ASTM D566
Worked Penetrability after 60 strokes	1/10 mm	300	max. 310	ASTM D217
Resistivity at 23°C	Ohm cm	$1.10^{14}$	min. $1.0 \cdot 10^{13}$	DEF STAN 68-69
Permittivity, at 1 MHz and 23°C	kV	3.1	max. 3.1	DEF STAN 68-69
Dissipation Factor, at 1 MHz and 23°C	kV	0.02	max. 0.025	DEF STAN 68-69
Oil Separation, 30 h at 200°C	%w	6	max. 8.0	ASTM D6184
Evaporation Loss, 22 h at 200°C	%w	2	max. 2.0	ASTM D972

The values above are typical values. They do not constitute any contractual commitment.  
Sales specifications are available on request. The present technical data sheet replaces all the previous editions.