



SILICONE BASED GREASE, PNEUMATIC SYSTEM

G-394 – XG-315 – DEF STAN 91-56 Iss. 3

Description

Nyco Grease GN 68 is based on a liquid silicone oil thickened with a high-melting metallic soap.

Application

Nyco Grease GN 68 is primarily used to lubricate the metal to rubber sliding contacts where the silicone oil provides the adequate lubrication. Examples of such applications are in pneumatic systems of aircraft and guided weapons. It has an intrinsic low volatility to minimise contamination of the air by silicone oil vapours.

Nyco Grease GN 68 shall not be used in contact with silicone rubbers due to the risk of softening of the elastomer.



Characteristic	Unit	Result	Limit*	Test method
- Appearance	-	conform	DEF STAN 91-56	visual
- Dropping point	°C	> 220	min. 200	ASTM D 566
- Penetration Worked 60 strokes	1/10 mm	269	265 to 305	ASTM D 217
- Evaporation losses Mass fraction 22 h at 150°C	%	2.5	max. 7.0	ASTM D 972
- Oil separation Mass fraction 168 h at 150°C	%	2.1	max. 7.0	FTM-S-791-321
- Copper corrosion 24 h at 100°C Appearance of the strip Appearance of the grease	-	conform (1a) conform	no corrosion no coloration	ASTM D 4048
- Foreign particles Larger or equal > 125 micrometers 75 to 125 micrometers 25 to 75 micrometers	nb/cm ³	0 50 250	0 max. 1000 max. 5000	FTM-S-791-3005

* Specification DEF STAN 91-56 Iss.3

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.