

G-9030

Stopcock grease

DESCRIPTION

- A stiff methyl silicone grease
- Typical vapor pressure of 10^{-8} torr

APPLICATION

- For extreme high vacuum and pressure systems
- Specific applications include: glass and ceramic stopcocks, ground glass joints, high temperature gaskets, valves, seals and O-rings

PROPERTIES

Typical Properties	Average Result	Metric Conv.	Standard	NT-TM
Uncured:				
Appearance	White to gray	-	ASTM D2090	002
Specific Gravity	1.11	-	ASTM D891	022
Viscosity	980,100 cP	980,100 mPa	ASTM D2196, D1084	149
Melting Point	None	-	-	-
Volatile Content	0.3 %	-	ASTM D2288	004
Operating Temperature Range	-40°C to 230°C	-	-	-

SPECIFICATIONS

Do not use the properties shown in this technical profile as a basis for preparing specifications. Please [contact](#) NuSil Technology for assistance and recommendations in establishing particular specifications.

WARRANTY INFORMATION

The warranty period provided by NuSil Technology LLC (hereinafter "NuSil Technology") is 12 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology specifically disclaims all other expressed or implied warranties, including, but not limited to, warranties of merchantability and fitness for use. The exclusive remedy and NuSil Technology's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. NuSil Technology expressly disclaims any liability for incidental or consequential damages.

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NuSil Technology believes, to the best of its knowledge, that the information and data contained herein are accurate and reliable. The user is responsible to determine the material's suitability and safety of use. NuSil Technology cannot know each application's specific requirements and hereby notifies the user that it has not tested or determined this material's suitability or safety for use in any application. The user is responsible to adequately test and determine the safety and suitability for their application and NuSil Technology makes no warranty concerning fitness for any use or purpose. NuSil Technology has completed no testing to establish safety of use in any medical application.

NuSil Technology has tested this material only to determine if the product meets the applicable specifications. (Please [contact](#)

Packaging	Warranty
6 Ounce Tube (177 mL)	12 Months
25 Gram	
200 Gram	
1 Pint (455 g)	
1 Gallon (3.64 kg)	
5 Gallon (18.2 kg)	
Case (24 x 25 gram)	
Case (12 x 200 gram)	

NuSil Technology for assistance and recommendations when establishing specifications.) When considering the use of NuSil Technology products in a particular application, review the latest Material Safety Data Sheet and [contact](#) NuSil Technology with any questions about product safety information.

Do not use any chemical in a food, drug, cosmetic, or medical application or process until having determined the safety and legality of the use. The user is responsible to meet the requirements of the U.S. Food and Drug Administration (FDA) and any other regulatory agencies. Before handling any other materials mentioned in the text, the user is advised to obtain available product safety information and take the necessary steps to ensure safety of use.

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