

MED-2310

RTV Silicone foam

DESCRIPTION

- Two-part, room temperature curing, silicone foam
- Platinum cure
- No odor
- Yields a low density silicone foam when catalyzed
- 1:1 Mix Ratio (Part A: Part B)

APPLICATION

- Can be used to make foam sheeting or ribbon
- Use in shock and vibration dampening situations requiring a lightweight, flexible foam
- Device applications requiring a low density component

NuSil™ MED-2310 may be considered for use in human implantation for a period of greater than 29 days.

PROPERTIES

Typical Properties	Average Result	Standard	NT-TM
Uncured:			
Appearance	White	ASTM D2090	002
Viscosity	40,000 cP (40,000 mPas)	ASTM D1084, D2196	001
Application Life (25°C)	2 minutes	-	027
Cured: 20 minutes at ambient temperature and humidity			
Density, non-confined	0.19 g/mL	ASTM D792, D3574	026
Tissue Culture (Cytotoxicity Testing)	Pass	USP <87> ISO 10993-5	061
Elemental Analysis of Trace Metals	Pass	ASTM E 305	131

The above properties are tested on a lot-to-lot basis. Do not use as a basis for preparing specifications. Please [contact](#) NuSil Technology for assistance and recommendations in establishing particular specifications.

INSTRUCTIONS FOR USE

Mixing

Mix at 1:1 mix ratio. Mixing can be accomplished by hand or with a high speed stirrer. Confining the foam results in a higher specific gravity. Use a suitable release agent (such as commercial mold release or an aqueous solution of soap or detergent) in molding applications.

Work Time

Extend working time or pot life by storing at a low temperature prior to use.

Note: Some bonding applications may require the use of a primer. NuSil Technology MED1-161 silicone primer is recommended

Substrate Consideration

Cures in contact with most materials common to biomedical assemblies. Exceptions include butyl, latex, chlorinated rubbers, some RTV silicones and unreacted residues of some curing agents.

FDA MASTER FILE

A Master File for MED-2310 has been filed with the U.S. Food and Drug Administration. Customers interested in authorization to reference the Master File must [contact](#) NuSil Technology.

REACH COMPLIANCE

Please [contact](#) NuSil Technology's Regulatory Compliance department with any questions or for further assistance.

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

Packaging

2 Pint Kit
2 Gallon Kit
10 Gallon Kit

Warranty

12 Months

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](#) 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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