RTV Silicones
- One Part
- Two Part
- Primers
- **Selection Guides**

ALL MG PRODUCTS
- Accessories
- Adhesives
- Brushes
- Cleaners / Degreasers
- Contact Cleaners
- Desoldering Braid
- Dusters & Circuit Coolers
- EMI / RFI Shielding
- Epoxies
- Flux and Flux Remover
- Glass & Screen Cleaners
- Lubricants
- Potting & Encapsulating
- Protective Coatings
- Pens
- Prototyping Materials
- RTV Silicones
- Specialized Cleaners
- Swabs
- Thermal Management
- Thermally Conductive Adhesives
- Wipes

RTV Silicones by GE

2-Part Potting/Encapsulating Compound RTV11

STOCKED ITEM | BUY NOW

Primary Characteristics
- White Flowable
- Condensation cure
- Primer required
- General purpose potting
- Room temp. cure
- Requires parts A and B

Use for :
- Medical molds/ instruments
- High voltage power supply potting
- General purpose electrical potting

A white, two component, low viscosity potting compound that cures at room temperature to a soft pliable rubber. Will cure in deep sections. The excellent electrical properties make it a candidate material for both high and low voltage electrical assemblies. Cushions against mechanical shock and vibration. The product comes complete with catalyst DBT. Specialized catalysts are avialable upon request.

Available Sizes

Catalog Number	Sizes Available	Description
RTV11-1P	1 pint	case of 12
RTV11-1G	1 gallon	12.1 lbs kit
RTV11 requires a primer. Visit our primer guide for details.		

Specifications

Use	General Purpose Potting
Special Feature	Cushions against mechanical shock
Standards	FDA
Cross Reference	RTV11
Uncured Properties	
Consistency	Spreadable Paste
Color	White
Specific Gravity	1.19
Pot Life (@ 25°C / 77°F)	1.5 hours
Cure Through Time	24 hours
Useful Temp. Range	-60°C to 204°C (-75°F to 400°F)
Cured Properties - MECHANICAL	
Hardness	41 (Shore A)
Tensile Strength	2.06 MPa (300 psi)
Elongation	160%
Tear Strength	3.5 Kg/cm (20 lb/in)
Cured Properties - ELECTRICAL	

Quick Links
- MSDS
- Catalyst options/MSDS
- Primer options/MSDS
- Specifications
- Available Sizes
- Handling & Safety
- Application
- Surface Preparation
- Warranty

Find by Product Number
RTV Number... GO

Resources
- What are RTV Silicones?
- Application Guide
- Product Data Spreadsheet

Find by Application
- General Purpose
- Aerospace
- Marine
- High Performance Assembly
- Electronics
- Thermal Conductivity
- High Temperature
- Low Temperature

Google
Google Search MG

Volume Resistivity	1 x 10^{13} ohm · cm
Dielectric Strength	515 V/mil
Dielectric Constant	3.3 @ 1000 Hz
Cured Properties - THERMAL	
Thermal Conductivity	0.29 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	25 x 10^{-5} (°C) $^{-1}$
Other	
Viscosity (@ 25°C)	11,000 cps
Mix Ratio (by weight)	100:0.5

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