

RTV Silicones



ALL MG PRODUCTS ▾

Jump to Product Number

[Accessories](#)[Adhesives](#)[Brushes](#)[Cleaners / Degreasers](#)[Contact Cleaners](#)[Desoldering Braid](#)[Dusters & Circuit Coolers](#)[EMI / RFI Shielding](#)[Epoxies](#)[Flux and Flux Remover](#)[Glass & Screen Cleaners](#)[Isopropyl Alcohol](#)[Lead Free Solder](#)[Lubricants](#)[Potting & Encapsulating](#)[Protective Coatings](#)[Pens](#)[Prototyping Materials](#)[RTV Silicones](#)[Soldering/desoldering](#)[Specialized Cleaners](#)[Swabs](#)[Thermal Management](#)[Thermally Conductive](#)[Adhesives](#)[Wipes](#)RTV Silicones by  **MOMENTIVE**
performance materials

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 available 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
NSN	8030-01-104-5392
Cross Reference	RTV11
Uncured Properties	
Consistency	Flowable
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	
Volume Resistivity	1 x 10 ¹³ ohm · cm
Dielectric Strength	515 V/mil

Technical Support
for RTV Silicones 1-800-255-8886M.G. Chemicals Disclaimer
for RTV Silicones >[Locate Distributor >](#)

Quick Links

- ▶ [MSDS](#)
- ▶ [Catalyst options/MSDS](#)
- ▶ [Primer options/MSDS](#)
- ▶ [Specifications](#)
- ▶ [Available Sizes](#)

Resources

- ▶ [Selection Guide >](#)
- ▶ [One Part Chart](#) 
- ▶ [Two Part Chart](#) 

Find by Application

- [General Purpose >](#)
- [Aerospace >](#)
- [Marine >](#)
- [High Performance Assembly >](#)
- [Electronics >](#)
- [Thermal Conductivity >](#)
- [High Temperature >](#)
- [Low Temperature >](#)



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

[Return to top](#) ^

© 2000 - 2007 MG Chemicals. All rights reserved. [Site Map](#) [Terms & Conditions](#) [Contact Us](#)

web site design by offbeat studio