



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RTV Silicones

RTV Silicones by  **2-Part Potting/Encapsulating Compound**
RTV60



Technical Support
for RTV Silicones

 1-800-255-8886

RTV Number... 

ALL MG PRODUCTS ▾

▶ STOCKED ITEM

▶ BUY NOW

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Product Number... 

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- [Dusters & Circuit Coolers](#)
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Primary Characteristics



- ▶ Red flowable
- ▶ **Extreme high temp.**
- ▶ Condensation cure
- ▶ Useful to 260°C (500°F)
- ▶ Thermal insulator
- ▶ Primer required

Use for:

▶ Aerospace applications such as potting, encapsulating, coating and cushioning

Excellent for potting and encapsulating electric motors and transformers. Also used for fabrication of rubber parts and casting molds for low-melting point metals. Recommended for aerospace applications and as a thermal insulator. Excellent retention of elastomeric properties at temperatures from -54°C to 260°C (-65°F to 500°F) continuously, and up to 316°C (600°F) for short periods of time. Cures at room temperature and has excellent adhesion qualities. A [silicone primer](#) is required. The product comes complete with catalyst DBT. [Specialized catalysts](#) are available upon request. RTV60 is a low viscosity version of [RTV88](#) and will flow into small areas.

Available Sizes

Catalog Number	Sizes Available	Description
RTV60-1P	1 pint	pail
RTV60-1G 	1 gallon	pail
RTV60-5G 	5 gallon	pail
RTV60 requires a primer. Visit our primer guide for details.		

Specifications

Use	Potting & Encapsulating
Special Feature	High Temperature
Cross Reference	RTV60
Uncured Properties	
Consistency	Flowable
Color	Red
Specific Gravity	1.48
Pot Life	2 hours
Cure Through Time	24 hours
Useful Temp. Range	-54°C to 260°C (-65°F to 500°F)
Cured Properties - MECHANICAL	
Hardness	57 (Shore A)
Tensile Strength	6.86 MPa (990 psi)
Elongation	120%










M.G. Chemicals Disclaimer
for RTV Silicones >

[Locate Distributor >](#)

Quick Links

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- ▶ [Catalyst options/MSDS](#)
- ▶ [Primer options/MSDS](#)
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Related products:

-  [RTV21](#)
-  [RTV31](#)
-  [RTV60](#)
-  [RTV88](#)
-  [RTV560](#)
-  [RTV566](#)
-  [RTV577](#)
-  [RTV630](#)
-  [RTV656](#)

Resources

- ▶ [Selection Guide >](#)
- ▶ [One Part Chart !\[\]\(de977261040b396ad9b272305ff34fce_img.jpg\)](#)
- ▶ [Two Part Chart !\[\]\(50a7ad870779675dedd8496ef6133e61_img.jpg\)](#)

Find by Application

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



Cured Properties - ELECTRICAL	
Volume Resistivity	4.4 x 10 ¹⁴ ohm · cm
Dielectric Strength	17.7 kV/mm (450 V/mil)
Dielectric Constant	4.0 @ 1000Hz
Cured Properties - THERMAL	
Thermal Conductivity	0.31 W/m · °K
Thermal Expansion	20 x 10 ⁻⁵ cm/cm °C (11 x 10 ⁻⁵ in/in °F)
Other	
Viscosity (@ 25°C)	47,000 cps
Mix ratio (by weight)	100:0.5

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