



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 Number...



ALL MG PRODUCTS ▾

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Product Number...

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RTV Silicones by MOMENTIVE performance materials

2-Part Potting/Encapsulating Compound

RTV630



Technical Support
for RTV Silicones

1-800-255-8886

M.G. Chemicals Disclaimer
for RTV Silicones >

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Primary Characteristics

- ▶ [Self leveling](#)
- ▶ [Addition cure](#)
- ▶ [Cures in deep sections](#)
- ▶ [Very high strength](#)
- ▶ [Medium viscosity](#)
- ▶ [Primer required](#)

Use for:

- ▶ Encapsulating applications requiring high tensile strength
- ▶ Exceptionally deep potting applications

Will form thin, light-weight molds with excellent durability. The high tear resistance and inherent release ability make it well suited to the manufacture of intricate castings, by reproducing each part exactly to detail. Other applications include prototype parts, production tools for casting epoxies and rubber rolls. Electrical circuits require a tough potting compound with outstanding vibration withstanding capability find RTV630 unequalled. Silicone [primer](#) is required.

Available Sizes

Catalog Number	Sizes Available	Description
RTV630-1P	1 pint	1 lb kit
RTV630 requires a primer. Visit our primer guide for details.		

Specifications

Use	Adhesive Sealant
Special Feature	High tensile strength
Cross Reference	RTV630
Uncured Properties	
Consistency	Pourable
Color	Beige (part A) Blue (part B)
Specific Gravity	1.28
Tack Free Time	4 hours
Cure Through Time	7 days @ 25°C 15 min @ 150°C
Useful Temp. Range	-60°C to 204°C (-75°F to 400°F)
Cured Properties - MECHANICAL	
Hardness	60 (Shore A)
Tensile Strength	5.69 MPa (820 psi)
Elongation	250%
Tear Strength	20 kg/cm (110 lb/in)
Cured Properties - ELECTRICAL	
Volume Resistivity	4.5 x 10 ¹⁵ ohm · cm
Dielectric Strength	17.7 kV/mm (450 V/mil)
Dielectric Constant	3.2 @ 1000 Hz
Cured Properties - THERMAL	

Quick Links

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

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

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 >](#)



Google Search MG

Thermal Conductivity	0.25 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	$21 \times 10^{-5} (\text{°C})^{-1}$
Other	
Viscosity (@ 25°C)	150,000 cps
Mix Ratio (by weight)	10 : 1
Pot Life	4 hours

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