

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!



Contact us

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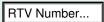
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







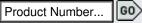
RTV Silicones





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

<u>Pens</u>

Prototyping Materials

RTV Silicones

Soldering/desoldering

Specialized Cleaners

<u>Swabs</u>

Thermal Management

Thermally Conductive

Adhesives

Wipes

RTV Silicones by **(1)**





Technical Support for RTV Silicones

1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

Locate Distributor >

Quick Links

- **▶** MSDS
- Catalyst options/MSDS
- Primer options/MSDS
- Specifications
- Available Sizes

Related products:

RTV103 Black

RTV108 Translucent

RTV109 Aluminum

2-Part Potting/Encapsulating Compound RTV12

▶ BUY NOW

Primary Characteristics

- Clear flowable
- Primerless adhesion
- Condensation cure General purpose potting
- Room temp. cure
- ▶ Requires parts A and C

Use for :

- ► General purpose potting requiring clear, room temp. cure
- Applications where primerless adhesion is desired

sections. Designed to acheive primerless adhesion to many substrates, including metals, plastics, and ceramics. The excellent electrical properties make it a candidate material for both high and low voltage electrical assemblies. Cushions against mechanical shock and vibration. RTV12 is clear enough to allow visual observation of components during pouring. After cure, the clarity lends to easy identification, repair and

A clear, two component, low viscosity potting

compound that cures at room temperature to

a soft pliable rubber. Will cure in deep

Available Sizes

	Catalog Number	Sizes Available	Description
	RTV12A-1G	9.5 lbs.	Pail
ı	RTV12C-1P	1 pint	Catalyst for RTV12, pail

replacement of components.

Specifications

Use	General Purpose Potting
Special Feature	Cushions against mechanical shock
Cross Reference	RTV12
Uncured Properties	
Consistency	Flowable
Color	Clear (translucent)
Specific Gravity	1.00
Pot Life (@ 25°C / 77°F)	1.6 hours
Cure Through Time	24 hours
Useful Temp. Range	-54°C to 204°C (-75°F to 400°F)
Cured Properties - MECHANICAL	
<u>Hardness</u>	18 (Shore A)
Elongation	20 0%
Cured Properties - ELECTRI CAL	
Volume Resistivity	1 x 10 13 ohm \cdot cm
Dielectric Strength	400 V/mil
Dielectric Constant	3.0 @ 1000 Hz

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

Cured Properties - THERMAL	
Thermal Conductivity	0.17 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	-29 x 10 ⁻⁵ (°C) ⁻¹
Other	
Viscosity (@ 25°C)	1,300 cps
Mix Ratio (by weight)	20:1

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