

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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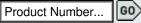
RTV Silicones





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

<u>Adhesives</u>

Wipes

RTV Silicones by MOMENTIVE



1-Part Adhesive Sealant RTV102

STOCKED ITEM

▶ BUY NOW

Primary Characteristics

- White Paste
- High Strength
- High performance assembly
- Acetoxy cure
- ▶ Meets MIL-A-46106
- ▶ UL File no. E-36952
- FDA 21 CFR 177.2600

Excellent for insulating, sealing, bonding and formed-in-place gaskets. Can be applied to vertical and overhead surfaces. Not for use in delicate electrical and electronic applications in which corrosion of copper, brass, or other sensitive metals is undesirable. Can be used in food contact applications where FDA regulations apply. Reference CDS4319 "Food Contact Applications", "Silicone Rubber Compounds."

Available Sizes

Catalog No.	Size	Description
RTV102-85ML	2.8 oz	Tube
RTV102-300ML	10.1 oz	Cartridge

Specifications

Use	Adhesive Sealant
Special Feature	High tensile strength
Standards	FDA 21CFR 177.2600
	MIL-A-46106
	UL Recognized
	UL File No. E-36952
	UL 94 HB
Cross Reference	RTV 102, DC 732
Uncured Properties	
Consistency	Paste
Color	White
Specific Gravity	1.05
Tack Free Time	20 min
Cure Through Time (77°F/ 50% relative humidity / 1/8" thick)	7 days
Cure Time (@ 77°F/50% relative humidity)	3 days
Jseful Temp. Range	-60°C to 205°C (-75°F to 400°F)
Cured Properties - MECHANI CAL	
<u>Hardness</u>	30 (Shore A)
Tensile Strength	2.8 kg/cm ² (400 psi)
Elongation	450%
Tear Strength	8 kg/cm
	45 lb/in
Peel Strength	7 kg/cm
	40 lb/in

Technical Support for RTV Silicones

1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

Locate Distributor >

Quick Links

- **▶** MSDS
- Specifications
- Available Sizes

Related products:

RTV103 Black

RTV108 Translucent

RTV109 Aluminum

Resources

- ▶ Selection Guide >
- One Part Chart
- Two Part Chart
- Find by Application

General Purpose >

Aerospace >

Marine >

High Performance Assembly >

Electronics >

Thermal Conductivity

<u>High Temperature</u> >

Low Temperature



Google Search MG

ured Properties - ELECTRI CAL		
Volume Resistivity	3×10^{15} ohm \cdot cm	
Dielectric Strength	20 kV/mm	
	500 V/mil	
Dielectric Constant	2.8 @ 60 Hz	
Cured Properties - THERMAL		
Thermal Conductivity	0.5 x 10 ⁻⁴ cal/sec/cm ²	
Brittle Point	-60°C (-75°F)	
Thermal Expansion	7 x 10 ⁻⁵ (°C) ⁻¹	
Other		
Viscosity (@ 25°C)	400 g/min	

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