



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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RTV Silicones by  **1-Part Adhesive Sealant RTV112**



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- Primary Characteristics**
- ▶ [White Flowable](#)
 - ▶ [Acetoxy cure](#)
 - ▶ [Food Applications](#)
 - ▶ [FDA 21 CFR 177.2600](#)

Excellent for thin section potting, filling small surface voids, self leveling protective coatings. Will flow into small crevices and hard to reach places. 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 21 CFR 177.2600 regulations apply. Reference CDS4319 "Food Contact Applications", "Silicone Rubber Compounds."

Available Sizes

Catalog Number	Sizes Available	Description
RTV112-85ML	85 mL	Tube
RTV112-300ML	300 mL	Cartridge

Specifications

Use	Adhesive Sealant
Special Feature	High Performance
Standards	FDA 21CFR 177.2600
	MIL-A-46106, group 1, type 2
	UL File No. E-36952
NSN	8030-00-11-2763
Cross Reference	RTV118
Uncured Properties	
Consistency	Flowable
Color	White
Specific Gravity	1.05
Tack Free Time	20 min
Cure Through Time (77°F / 50% relative humidity / 1/8" thick)	24 hours
Cure Time (77°F / 50% relative humidity)	3 days
Useful Temp. Range	-60°C to 205°C (-75°F to 400°F)
Cured Properties - MECHANICAL	
Hardness	25 (Shore A)
Tensile Strength	2.20 MPa (325 psi)
Elongation	325%
Peel Strength	3 kg/cm (15 lb/in)
Cured Properties - ELECTRICAL	
Volume Resistivity	6 x 10 ¹⁴ ohm · cm
Dielectric Strength	16 kV/mm (400 V/mil)

Technical Support for RTV Silicones

 1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

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- [RTV118 Translucent](#)

Resources

- ▶ [Selection Guide >](#)
- ▶ [One Part Chart !\[\]\(6c63a1144094e62a6968227fa9175cd8_img.jpg\)](#)
- ▶ [Two Part Chart !\[\]\(e142aa897b3922adc64431524558bb1c_img.jpg\)](#)

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Dielectric Constant	2.8 @ 60 Hz
Cured Properties - THERMAL	
Thermal Conductivity	0.21 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	27 x 10 ⁻⁵ (°C) ⁻¹
Other	
Viscosity (@ 25°C)	20,000 cps

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