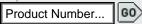
RTV Silicones





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Accessories

Adhesives

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Contact Cleaners

Desoldering Braid

Dusters & Circuit Coolers

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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

MOMENTIVE RTV Silicones by **(1)** performance materials 1-Part Adhesive Sealant RTV108





▶ BUY NOW

Primary Characteristics

- Clear 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
RTV108-85ML	2.8 oz	Tube
RTV108-300ML	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
NSN	8030-01-014-5369
Cross Reference	RTV 102, DC 732
Uncured Properties	
Consistency	Paste
Color	Translucent
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
Useful Temp. Range	-60°C to 205°C (-75°F to 400°F)
Cured Properties - MECHANICAL	
<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

Technical Support for RTV Silicones

2 1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

Locate Distributor >

Quick Links

- **MSDS**
- Specifications
- Available Sizes

Related products:

- RTV102 White
- RTV103 Black
- RTV109 Aluminum

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

	40 lb/in	
Cured 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	$0.5 \times 10^{-4} \text{ cal/sec/cm}^2$	
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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