

RTV Silicones

- [One Part](#)
 - [Two Part](#)
 - [Primers](#)
 - [Selection Guides](#)
- ALL MG PRODUCTS ▾

- [Accessories](#)
- [Adhesives](#)
- [Brushes](#)
- [Cleaners / Degreasers](#)
- [Contact Cleaners](#)
- [Desoldering Braid](#)
- [Dusters & Circuit Coolers](#)
- [EMI / RFI Shielding](#)
- [Epoxies](#)
- [Flux and Flux Remover](#)
- [Glass & Screen Cleaners](#)
- [Lubricants](#)
- [Potting & Encapsulating](#)
- [Protective Coatings](#)
- [Pens](#)
- [Prototyping Materials](#)
- [RTV Silicones](#)
- [Specialized Cleaners](#)
- [Swabs](#)
- [Thermal Management](#)
- [Thermally Conductive Adhesives](#)
- [Wipes](#)

RTV Silicones by

1-Part Adhesive Sealant RTV106

- ▶ STOCKED ITEM
- ▶ BUY NOW

- Primary Characteristics**
- ▶ Red Paste
 - ▶ High Temperature rated
 - ▶ 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 |
|--------------|---------|-------------|
| RTV106-85ML | 2.8 oz | Tube |
| RTV106-300ML | 10.1 oz | Cartridge |

Specifications

| | |
|---|------------------------------------|
| Use | Adhesive Sealant |
| Special Feature | High Temperature |
| | FDA 21CFR 177.2600 |
| | MIL-A-46106 |
| Standards | UL Recognized |
| | UL File No. E-36952 |
| | UL 95 HB |
| Cross Reference | RTV106, DC732 |
| Uncured Properties | |
| Consistency | Paste |
| Color | Red |
| Specific Gravity | 1.07 |
| Tack Free Time | 25 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 260°C (-75°F to 500°F) |
| Cured Properties - MECHANICAL | |
| Hardness | 30 (Shore A) |
| Tensile Strength | 2.55 MPa (375 psi) |
| Elongation | 400% |
| Tear Strength | 7 kg/cm (40 lb/in) |
| Peel Strength | 7 kg/cm (40 lb/in) |
| Cured Properties - ELECTRICAL | |
| Volume Resistivity | 3 x 10 ¹⁴ ohm · cm |
| Dielectric Strength | 19.7 kV/mm (500 V/mil) |

Quick Links

- ▶ [MSDS](#)
- ▶ [Specifications](#)
- ▶ [Available Sizes](#)
- ▶ [Handling & Safety](#)
- ▶ [Application](#)
- ▶ [Surface Preparation](#)
- ▶ [Warranty](#)

Related Products:

- 
[RTV116](#)
- 
[RTV159](#)

Find by Product Number

RTV Number...

GO

Resources

- [What are RTV Silicones? >](#)
- [Application Guide >](#)
- [Product Data Spreadsheet >](#)

Find by Application

- [General Purpose >](#)
- [Aerospace >](#)
- [Marine >](#)
- [High Performance Assembly >](#)
- [Electronics >](#)
- [Thermal Conductivity >](#)
- [High Temperature >](#)
- [Low Temperature >](#)



Google Search MG

| | |
|---------------------|-------------|
| Dielectric Constant | 2.8 @ 60 Hz |
|---------------------|-------------|

Cured Properties - THERMAL

| | |
|----------------------|-----------------|
| Thermal Conductivity | 0.2092 W/m · °K |
|----------------------|-----------------|

| | |
|---------------|---------------|
| Brittle Point | -60°C (-75°F) |
|---------------|---------------|

| | |
|-------------------|---|
| Thermal Expansion | $27 \times 10^{-5} \text{ (}^\circ\text{C)}^{-1}$ |
|-------------------|---|

Other

| | |
|------------------------------------|-----------|
| Viscosity (@ 25°C) | 400 g/min |
|------------------------------------|-----------|

[Return to top](#) ^