



Offering higher performance characteristics over conventional RTV silicones, M.G. Chemicals sealants will bond to many clean surfaces without the aid of primers. Many of these one-part RTV silicone adhesive sealants are suitable for assembly applications. Can be dispensed manually or with automated equipment. Refer to website for MIL-A46106, MIL-A46146-A, UL94-V1, UL94-VO, FDA21CFR 177.2600, specifications.

SELECTING THE RIGHT RTV SILICONE

1. How thick are you applying your silicone?

If you are planning to use the product as an adhesive, or you are potting less than 1/4" thick, one part silicones will do the job. For thicker potting, use a two part silicone.

2. Will there be extensive metal contact in your application?

Some silicones can be corrosive to metals. Select a non-corrosive silicone for any metal contact application.

3. Do you require a flowable or a paste consistency?

Silicones are divided into flowable and paste consistencies. For encapsulation and hard to reach areas, select a flowable silicone. Pastes are appropriate for adhering to vertical surfaces and applications where a high viscosity is desired.

*Visit the M.G. Chemicals link at www.e-sonic.com for an interactive RTV Selection Guide.

GENERAL PURPOSE (1 PART)

| Cat. No. | Size | Description | Net Price |
|--------------|-------------------|-----------------------------------|---------------|
| RTV102-85ML | 3 oz. tube | White, general purpose, one part, | \$6.95 |
| RTV102-300ML | 10.1 oz cartridge | paste | 11.45 |
| RTV103-85ML | 3 oz. tube | Black, general purpose, one part, | 6.95 |
| RTV103-300ML | 10.1 oz cartridge | paste | 11.45 |
| RTV108-85ML | 3 oz. tube | Translucent general purpose, | 6.95 |
| RTV108-300ML | 10.1 oz cartridge | one part, paste | 11.45 |
| RTV112-85ML | 3 oz. tube | White one part, flowable | 25.95 |
| RTV118-85ML | 3 oz. tube | Translucent, one part, flowable | 25.95 |

NON-CORROSIVE (1 PART)

| Cat. No. | Size | Description | Net Price |
|---------------|-------------------|--|----------------|
| RTV160-300ML | 10.1 oz cartridge | White, pourable, for thin section PCB coating | \$72.95 |
| RTV162-85ML | 3 oz. tube | White, for bonding capacitors, resistors and integrated circuits to PCBs, sealing exposed wires, faying surfaces, and connectors | 19.45 |
| RTV162-300ML | 10.1 oz cartridge | | 39.50 |
| 1035-85ML | 3 oz. tube | Translucent, for sealing and bonding electronic components onto PCBs, protecting copper | 9.85 |
| RTV5818-300ML | 10.1 oz cartridge | | 15.45 |
| RTV6708-300ML | 10.1 oz cartridge | Translucent, economical, general use | 13.45 |

SPECIAL APPLICATION (1 PART)

| Cat. No. | Size | Description | Net Price |
|--------------|--------------------|---|----------------|
| RTV106-85ML | 3 oz. tube | Red, high temp., encapsulating and sealing heating elements | \$23.57 |
| RTV106-300ML | 10.1 oz. cartridge | | 49.85 |

POTTING AND ENCAPSULATING COMPOUNDS GENERAL USE (2-PART)

| Cat. No. | Size | Description | Net Price |
|-----------|----------|--|----------------|
| RTV11-1P | 1 pint | Flowable, white, general purpose potting | \$59.95 |
| RTV12A-1G | 1 gallon | Flowable, translucent, primerless adhesion | 259.00 |
| RTV12C-1P | 1 pint | Curing agent for RTV 12A | 69.95 |
| RTV615-1P | 1 pint | Flowable, optically clear, low viscosity | 126.75 |
| RTV615-1G | 1 gallon | | 465.00 |
| RTV630-1P | 1 pint | Self leveling, very high strength | 97.95 |

POTTING AND ENCAPSULATING COMPOUNDS EXTREME HIGH TEMP (2-PART)

| Cat. No. | Size | Description | Net Price |
|----------|--------|---|----------------|
| RTV60-1P | 1 pint | Red, aerospace applications such as potting and encapsulating, coating and cushioning; SS4155 primer required | \$75.65 |
| RTV88-1P | 1 pint | Red, potting surge protectors, aerospace applications such as sealing, bonding and gasketing on vertical or overhead surfaces, SS4179 primer required | 75.65 |

RTV SILICONE ADHESIVE SEALANT THERMALLY CONDUCTIVE

| Cat. No. | Size | Description | Net Price |
|---------------|------------------|---|----------------|
| TSE3941-333ML | 12 oz. cartridge | Clear, thermally conductive, flame retardant, and non-corrosive. A spreadable, low odor paste. Use for bonding components and devices to heat sinks as well as for use in other bonding applications where flexibility, thermal conductivity and flame retardance are of concern. | \$73.45 |
| 1032-85ML | 3 oz. tube | | 33.75 |

RTV SILICONE PRIMERS FOR 1-PART RTV SILICONES

One-part RTV silicone products have adhesion promoters in their formulation and consequently have good adhesion to a variety of substrates. For 1-part products, it is generally suggested that testing be done without a primer first and if adhesion is acceptable then no primer is required.

FOR 2-PART RTV SILICONES

Generally, two-part RTV silicone products do not have adhesion promoters in their formulation and consequently have minimal adhesion to substrates. Two-part products have adhesion that is usually acceptable for potting or encapsulating applications, but is not sufficient for many sealing or adhering applications. If better adhesion is required, a primer can be used.

| Cat. No. | Size | Description | Net Price |
|------------|--------|--|-----------------|
| SS4120-1P | 1 pint | Clear, can be used in food contact applications where FDA regulations apply. | \$104.45 |
| SS4155-1P | 1 pint | Blue, general purpose | 76.95 |
| SS4044P-1P | 1 pint | Clear, ready to use, promotes adhesion on surfaces like plastic, glass, ceramic, wood, and metal. FDA compliant. | 85.30 |
| SS4004P-1P | 1 pint | Pink, ready to use, promotes adhesion on surfaces like plastic, glass, ceramic, wood, and metal. FDA compliant. | 85.30 |

NOTE: Please contact your Electro Sonic Sales Representative if the silicone you need is not listed.