RTV Silicones

RTV Number... GO

ALL MG PRODUCTS

Jump to Product Number

Product Number... GO

- 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
- Pens
- Prototyping Materials
- RTV Silicones
- Soldering/desoldering
- Specialized Cleaners
- Swabs
- Thermal Management
- Thermally Conductive Adhesives
- Wipes

# RTV Silicones by MOMENTIVE performance materials

RoHS COMPLIANT

## 2-Part Potting/Encapsulating Compound

## RTV88

STOCKED ITEM

BUY NOW

**Primary Characteristics**
- Red spreadable
- Condensation cure
- **Extreme high temp**
- Useful to 260°C (500°F)
- Primer required

**Use for**:
- Aerospace applications such as potting, encapsulating, coating and cushioning

Excellent for potting and encapsulating electric motors, transformers, and surge protection. Can be used in aerospace applications such as sealing, bonding and quaketing on vertical or overhead surfaces. Composition is free of solvents and solvent odour. Excellent retention of elastomeric properties at temperatures from -54°C to 260°C (-65°F to 500°F) continuously, and up to 316°C (600°F) for short periods of time. This two part silicone is supplied with a curing agent. Silicone primer is required. Cures at room temperature and has excellent adhesion qualities. The product comes complete with catalyst DBT. Specialized catalysts are avialable upon request.

## Available Sizes

| Catalog Number | Sizes Available | Description |
|---|---|---|
| RTV88-1P | 1 pint | pail |
| RTV88-1G | 1 gallon | pail |
| RTV88-5G SPECIAL ORDER | 5 gallon | pail |
| RTV88 requires a primer. Visit our primer guide for details. | | |

## Specifications

| | |
|---|---|
| Use | Potting & Encapsulating |
| Special Feature | High Temperature |
| Cross Reference | RTV80 |
| **Uncured Properties** | |
| Consistency | Spreadable |
| Color | Red |
| Specific Gravity | 1.47 |
| Pot Life | 45 minutes |
| Cure Through Time | 24 hours |
| Useful Temp. Range | -54°C to 260°C (-65°F to 500°F) |
| **Cured Properties - MECHANICAL** | |
| Hardness | 58 (Shore A) |
| Tensile Strength | 5.79 MPa (830 psi) |

Technical Support for RTV Silicones

1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

Locate Distributor >

## Quick Links

- MSDS
- Catalyst options/MSDS
- Primer options/MSDS
- Specifications
- Available Sizes

**Related products:**
- RTV21
- RTV31
- RTV60
- RTV88
- RTV560
- RTV566
- RTV577
- RTV630
- RTV656

## 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

Google Search MG

| | |
|---|---|
| Elongation | 120% |
| **Cured Properties - ELECTRICAL** | |
| Volume Resistivity | 2.8 x $10^{14}$ ohm · cm |
| Dielectric Strength | 17.4 kV/mm (440 V/mil) |
| Dielectric Constant | 4.3 @ 1000Hz |
| **Cured Properties - THERMAL** | |
| Thermal Conductivity | 0.31 W/m · °K |
| Thermal Expansion | 20 x $10^{-5}$ cm/cm °C |
| | (11 x $10^{-5}$ in/in °F) |
| **Other** | |
| Viscosity (@ 25°C) | 880,000 cps |
| Mix ratio (by weight) | 100:0.5 |

Return to top ^

© 2000 - 2007 MG Chemicals. All rights reserved. Site Map Terms & Conditions Contact Us

web site design by offbeat studio

**ООО «НИОКРсистемс» -** это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

## Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ

ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709