

RTV Silicones



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RTV Silicones by **1-Part Adhesive Sealant RTV162**



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Primary Characteristics

- ▶ White Paste
- ▶ Non-corrosive
- ▶ Alkoxy neutral cure
- ▶ UL File. no. E-36952
- ▶ MIL-A-46146, group 1, type 1

Non-corrosive. Bond capacitors, resistors and integrated circuits to PCBs' seals exposed wires, faying surfaces, connectors. Meets MIL-A-46146B. UL HB recognition.

Available Sizes

| Catalog Number | Sizes Available | Description |
|----------------|-----------------|-------------|
| RTV162-85ML | 85 mL (2.8 oz) | Tube |
| RTV162-300ML | 300mL (10 oz) | Cartridge |

Specifications

| | |
|--------------------------------------|---------------------------------|
| Use | Adhesive Sealant |
| Standards | MIL-A-46146, group 1, type 1 |
| | UL File no. E-36952 |
| Cross Reference | RTV162 |
| Uncured Properties | |
| Consistency | Paste |
| Color | White |
| Specific Gravity | 1.09 |
| Tack Free Time | 4 hours |
| Cure through time | 48 hours |
| Useful Temp. Range | -60°C to 205°C (-75°F to 400°F) |
| Cured Properties - MECHANICAL | |
| <u>Hardness</u> | 35 (Shore A) |
| Tensile Strength | 3.73 MPa (550 psi) |
| Elongation | 400% |
| Peel Strength | 7.2 kg/cm (40 lb/in) |
| Cured Properties - ELECTRICAL | |
| Volume Resistivity | 3 x 10 ¹⁵ ohm · cm |
| Dielectric Strength | 19.7 kV/mm (450 V/mil) |
| Dielectric Constant | 2.8 @ 60 Hz |
| Thermal Conductivity | 0.21 W/m · °K |
| Other | |
| <u>Viscosity</u> (@ 25°C) | 350 g/min |

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Technical Support for RTV Silicones

1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

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Related products:

- [RTV160 White](#)
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- [TSE399C Clear](#)

Resources

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