▶ BUY NOW

Light Gray Paste

Alkoxy neutral cure

UL HB recognition

▶ UL File No. <u>E36952</u>

► MIL-A-46146, group 1,

▶ Non-corrosive

type 1

Primary Characteristics

RTV Silicones RTV Number... GO>

MOMENTIVE RTV Silicones by **(1)** performance materials 1-Part Adhesive Sealant RTV167



Technical Support

for RTV Silicones **2** 1-800-255-8886

M.G. Chemicals Disclaimer

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Quick Links

for RTV Silicones >

- **MSDS**
- Specifications
- Available Sizes

Related products:

- RTV160 White
- RTV162 White
- TSE397C Clear
- TSE399C Clear

Resources

- ▶ Selection Guide >
- One Part Chart
- Two Part Chart

Find by Application

General Purpose >

Aerospace >

Marine >

High Performance Assembly >

Electronics >

Thermal Conductivity >

High Temperature >

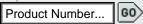
Low Temperature >



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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

Excellent in areas that require an extra High strength electronics strength sealing and bonding. Non-corrosive to electronic metals, including copper and brass. Can be applied to vertical or overhead surfaces. Retains elastomeric properties for long periods at temperatures from -60°C to 205°C (75°F to 400°F) and for short periods up to 250°C (500°F). Excellent electrical insulating properties. This product meets Military spec. MIL-A-46146 and is UL HB recognized.

Available Sizes

Catalog Number	Sizes Available	Description	Case Qty
RTV167-85ML	85 mL (2.8 oz)	Tube	12
RTV167-300ML SPECIAL ORDER	300mL (10 oz)	Cartridge	24

Specifications

Use	Adhesive Sealant	
Special Feature	High tensile strength	
Standards	MIL-A-46146, group 1, type 1	
	UL File no. E-36952	
Cross Reference	RTV167	
Uncured Properties		
Consistency	Paste	
Color	Grey	
Specific Gravity	1.12	
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>	37 (Shore A)	
Tensile Strength	5.49 MPa (800 psi)	
Elongation	600%	
Peel Strength	10 kg/cm	
	80 lb/in	
Cured Properties - ELECTRI CAL		
Volume Resistivity	3 x 10 ¹⁵ ohm · cm	
Dielectric Strength	19.7 kV/mm	
	500 V/mil	
Dielectric Constant	2.8 @ 60 Hz	
Cured Properties - THERMAL		

 $RTV \; Silicones >> High \; strength \; electronics \; grade >> Light \; grey, \; 1 \; Part \; Paste, \; RTV \; Silicone \; Adhesive \; Sealant \; Paste, \; Pa$

Thermal Conductivity	0.21 W/m · °K	
Brittle Point	-60°C (-75°F)	
Thermal Expansion	27 x 10 ⁻⁵ (°C) ⁻¹	
Other		
Viscosity (@ 25°C)	180 g/min	
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