



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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RTV Silicones

RTV Silicones by 



Technical Support  
for RTV Silicones

 1-800-255-8886

1-Part Adhesive Sealant RTV167

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Primary Characteristics

- ▶ Light Gray Paste
- ▶ **High strength electronics**
- ▶ Non-corrosive
- ▶ **Alkoxy neutral cure**
- ▶ MIL-A-46146, group 1, type 1
- ▶ UL HB recognition
- ▶ UL File No. [E36952](#)

Excellent in areas that require an extra 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	<b>▶ SPECIAL ORDER</b> 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
<b>Uncured Properties</b>	
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)
<b>Cured Properties - MECHANICAL</b>	
Hardness	37 (Shore A)
Tensile Strength	5.49 MPa (800 psi)
Elongation	600%
Peel Strength	10 kg/cm 80 lb/in
<b>Cured Properties - ELECTRICAL</b>	
Volume Resistivity	3 x 10 <sup>15</sup> ohm · cm
Dielectric Strength	19.7 kV/mm 500 V/mil
Dielectric Constant	2.8 @ 60 Hz
<b>Cured Properties - THERMAL</b>	

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Related products:

- [RTV160 White](#)
- [RTV162 White](#)
- [TSE397C Clear](#)
- [TSE399C Clear](#)

Resources

- ▶ [Selection Guide >](#)
- ▶ [One Part Chart !\[\]\(2b617c16bf4153e24d0da307fc4ff4c2\_img.jpg\)](#)
- ▶ [Two Part Chart !\[\]\(d5d0c1c25faa558c0ac2414cb80e0793\_img.jpg\)](#)

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Thermal Conductivity	0.21 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	$27 \times 10^{-5} (\text{°C})^{-1}$
Other	
<a href="#">Viscosity</a> (@ 25°C)	180 g/min

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