



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



RTV Silicones

RTV Number...

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RTV Silicones by 



1-Part Adhesive Sealant **RTV106**

▶ STOCKED ITEM

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**Primary Characteristics**


- ▶ Red Paste
- ▶ High Temperature rated
- ▶ Acetoxy cure
- ▶ Meets MIL-A-46106
- ▶ UL File no. E-36952
- ▶ FDA 21 CFR 177.2600

Excellent for insulating, sealing, bonding and formed-in-place gaskets. Can be applied to vertical and overhead surfaces. Not for use in delicate electrical and electronic applications in which corrosion of copper, brass, or other sensitive metals is undesirable. Can be used in food contact applications where FDA regulations apply. Reference CDS4319 "Food Contact Applications", "Silicone Rubber Compounds."

Available Sizes

Catalog No.	Size	Description
RTV106-85ML	2.8 oz	Tube
RTV106-300ML	10.1 oz	Cartridge

Specifications

Use	Adhesive Sealant
Special Feature	High Temperature
Standards	FDA 21CFR 177.2600 MIL-A-46106 UL Recognized UL File No. E-36952 UL 95 HB
Cross Reference	RTV106, DC732
<b>Uncured Properties</b>	
Consistency	Paste
Color	 Red
Specific Gravity	1.07
Tack Free Time	25 min
Cure Through Time ( 77°F / 50% relative humidity / 1/8" thick)	24 hours
Cure Time (@ 77°F /50% relative humidity)	3 days
Useful Temp. Range	-60°C to 260°C (-75°F to 500°F)
<b>Cured Properties - MECHANICAL</b>	
Hardness	30 (Shore A)
Tensile Strength	2.55 MPa (375 psi)
Elongation	400%
Tear Strength	7 kg/cm (40 lb/in)
Peel Strength	7 kg/cm (40 lb/in)
<b>Cured Properties - ELECTRICAL</b>	

Technical Support for RTV Silicones

 1-800-255-8886



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Resources

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- ▶ [One Part Chart !\[\]\(9207955bb564286b2766fa53246d5fa0\_img.jpg\)](#)
- ▶ [Two Part Chart !\[\]\(d383b427905d5f80e69a8c17054baf4e\_img.jpg\)](#)

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Volume Resistivity	3 x 10 <sup>14</sup> ohm · cm
Dielectric Strength	19.7 kV/mm (500 V/mil)
Dielectric Constant	2.8 @ 60 Hz
<b>Cured Properties - THERMAL</b>	
Thermal Conductivity	0.2092 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	27 x 10 <sup>-5</sup> (°C) <sup>-1</sup>
<b>Other</b>	
<u>Viscosity</u> (@ 25°C)	400 g/min

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