

RTV Silicones



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# RTV Silicones by 1-Part Adhesive Sealant RTV5818



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**Primary Characteristics**

- ▶ Translucent Paste
- ▶ **Fast cure**
- ▶ [Modified alkoxy \(neutral\) cure](#)
- ▶ UL HB Recognition
- ▶ UL File No. [E36952](#)

Features primerless adhesion to many metals, plastics, masonry, wood, glass and ceramics. Not recommended for use on polycarbonates and acrylics. Also good for marine applications. UL HB Recognition.

Fast curing, paste adhesive designed to provide quick initial adhesion build. Assembly applications requiring high productivity; suited for applications in confined spaces.

## Available Sizes

Catalog Number	Sizes Available	Description
RTV5818-300ML	300mL (10 oz)	Cartridge

## Specifications

Use	Adhesive Sealant
	Marine Application
Special Features	High strength, non-corrosive
Cross Reference	1035, RTV5812, RTV5813
<b>Uncured Properties</b>	
Consistency	Paste
Color	Translucent
Specific Gravity	1.04
Tack Free Time	15 min
Cure Through Time	12 - 24 hours
Useful Temp. Range	-60°C to 204°C (-75°F to 399 °F)
<b>Cured Properties - MECHANICAL</b>	
<a href="#">Hardness</a>	21 (Shore A)
Tensile Strength	1.896 MPa (275 psi)
Elongation	500%
Tear Strength	7.1 kg/cm (40 lb/in)
Peel Strength	8 kg/cm (47 lb/in)
<b>Cured Properties - ELECTRICAL</b>	
Volume Resistivity	2 x 10 <sup>15</sup> ohm · cm
Dielectric Strength	16.8 kV/mm
	425 V/mil
Dielectric Constant	2.8 @ 100 Hz
<b>Cured Properties - THERMAL</b>	

Technical Support for RTV Silicones

1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

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## Quick Links

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## Related products:

- [1035 Translucent](#)

## Resources

- ▶ [Selection Guide >](#)
- ▶ [One Part Chart](#)
- ▶ [Two Part Chart](#)

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Thermal Conductivity	0.06 W/m · °K
Brittle Point	-60°C (-75°F)
Thermal Expansion	3.0 x 10 <sup>-4</sup> mm/mm/°C
<b>Other</b>	
<a href="#">Viscosity</a> (@ 25°C)	480 g/min

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