

## RTV Silicones



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Jump to Product Number

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performance materials

## 1-Part Adhesive Sealant 1035

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**Primary Characteristics**

- ▶ **Translucent Paste**
- ▶ **Excellent chemical resistance**
- ▶ Non-corrosive
- ▶ High strength
- ▶ Marine application
- ▶ **Modified alkoxy (neutral) cure**
- ▶ Primerless adhesion
- ▶ UL HB Recognition
- ▶ UL File No. [E36952](#)

**Use for:**

- ▶ Assembly applications requiring high productivity

A spreadable, non-corrosive, translucent paste. Excellent for the sealing and bonding of electronic components onto printed circuit boards and protecting copper connections on electronic parts assemblies. Excellent as a weather proofing sealant where power cords enter motors. Use as a gasket for leak resistant sealing and insulating.

Retains elastomeric properties for long periods at temperatures from -60°C to 204°C (-75°F to 399°F). Recommended for marine applications.

## Available Sizes

Catalog Number	Sizes Available	Description	Case Qty
1035-85ML	85 mL (3 oz)	Tube	6

## Specifications

Use	Adhesive Sealant
	Marine Application
Special Features	High strength, non-corrosive
Cross Reference	RTV 5818, 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

## Quick Links

- ▶ [MSDS](#)
- ▶ [Specifications](#)
- ▶ [Available Sizes](#)

**Related products:**

- [5818 Translucent](#)

## 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](#) >



	425 V/mil
Dielectric Constant	2.8 @ 100 Hz
<b>Cured Properties - THERMAL</b>	
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

[Return to top](#) ^

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