

## RTV Silicones

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# RTV Silicones

## 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
- ▶ Meets UL testing

### 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 205°C (-75°F to 400°F) and for short periods up to 260°C (500°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 hours
Useful Temp. Range	-60°C to 205°C (-75°F to 400°F)
<b>Cured Properties - MECHANICAL</b>	
Hardness	24 (Shore A)
Tensile Strength	1.86 MPa (300 psi)
Elongation	435%
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

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### Related products:

- [5818 Translucent](#)

## Find by Product Number



## Resources

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## Find by Application

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Dielectric Strength	16.8 kV/mm
	426 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>	
Viscosity (@ 25°C)	360 g/min

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