

POPULAR MOMENTIVE* RTV SILICONE GRADES

FUNCTION	PRODUCT	DESCRIPTION	CURE CHEMISTRTY	COLOR	TYPICAL APPLICATIONS
Adhesive Sealant	IS800 series <i>One-Part, Paste Adhesive Sealants</i> IS802 IS803 IS808 IS800.09	<ul style="list-style-type: none"> • General purpose adhesive sealant • FDA, USDA, and NSF compliant • UL recognition 	Acetoxy	IS802 White IS803 Black IS808 Translucent IS800.09 Aluminum	General sealing and bonding
Adhesive Sealant	IS806 <i>One-Part, High Temperature, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • High temperature • FDA, USDA, NSF compliant • UL recognition 	Acetoxy	Red	Sealing and bonding for high temperature applications
Adhesive Sealant	RTV100 series <i>One-Part, Paste Adhesive Sealants</i> RTV102 RTV103 RTV108 RTV109	<ul style="list-style-type: none"> • FDA, USDA, NSF compliant, MIL-A-46106B and UL recognition. 	Acetoxy	RTV102 White RTV103 Black RTV108 Translucent RTV109 Aluminum	<ul style="list-style-type: none"> • General sealing and bonding • Electrical insulation • Formed-in-place gaskets
Adhesive Sealant	RTV106 <i>One-Part, High Temperature, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • High temperature • FDA, USDA, NSF compliant • UL recognition 	Acetoxy	Red	<ul style="list-style-type: none"> • Sealing heating elements • Electrical insulation • Formed-in-place gaskets • Sealing and bonding
Adhesive Sealant	RTV110 series <i>One-Part, Flowable Adhesive Sealants</i> RTV112 RTV116 RTV118	<ul style="list-style-type: none"> • FDA, USDA, and NSF compliant • MIL-A-46106B and UL recognition 	Acetoxy	RTV112 White RTV116 Red RTV118 Translucent	<ul style="list-style-type: none"> • Thin section potting • Self leveling protective coatings • Electrical insulation
Adhesive Sealant	RTV157 <i>One-Part, High Strength, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • High strength • High temperature performance • Low temperature flexibility 	Acetoxy	Grey	<ul style="list-style-type: none"> • High voltage wires and cables • Valve sealants • Fluid metering devices • Gaskets • Turbines

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Adhesive Sealant	RTV159 <i>One-Part, High Temperature, High Strength, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • Excellent weatherability, ozone, and chemical resistance • High strength • High temperature performance 	Acetoxy	Red	<ul style="list-style-type: none"> • High voltage wires and cables • Valve sealants • Fluid metering devices • Gaskets • Turbines
Fluoro-silicone Adhesive Sealant	FRV1106 <i>One-Part, Fluorosilicone, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • High temperature performance • Excellent fuel, oil, moisture, UV, ozone and chemical resistance 	Acetoxy	Red	<ul style="list-style-type: none"> • Formed-in-place gasketing • Seam sealant • Fuel handling systems • Valve sealants
Adhesive Sealant	RTV1473 <i>One-Part, Oil-resistant, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • Oil-resistant, heavy-bodied, paste adhesive • Excellent candidate for automotive formed-in-place gasketing applications where good oil resistance is a design consideration 	Acetoxy	Black	Formed-in-place gasketing
Adhesive Sealant	RTV162 <i>One-Part, High Strength, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • High strength sealing • MIL-A-46146B and UL recognition • Low odor 	Alkoxy (neutral)	White	<ul style="list-style-type: none"> • Bonding of electrical components to circuit boards • Sealing of exposed wires
Adhesive Sealant	RTV167 <i>One-Part, High Strength, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • High-strength • Low odor • UL recognition and Mil Spec 	Alkoxy (neutral)	Gray	Bonding and insulation of electrical components
Adhesive Sealant	RTV133 <i>One-Part, Flame Retardant, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • Non-corrosive, non-halogenated, flame retardant • Low odor • UL 94 V-0 	Alkoxy (neutral)	Black	<ul style="list-style-type: none"> • Firewalls • Flame retardant coatings • Switching devices • Motors • High voltage transformers
Adhesive Sealant	RTV142 <i>One-Part, Low Volatile, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • Low volatile • Low odor • 5856053 Navy Sea Systems compliance 	Alkoxy (neutral)	White	<ul style="list-style-type: none"> • Sealing and bonding of electronic components • Electronic gasketing
Adhesive Sealant	RTV120 series <i>One-Part, Paste Adhesive Sealants</i> RTV122 RTV123 RTV128	<ul style="list-style-type: none"> • MIL-A-46146B and UL recognition • Low odor 	Modified Alkoxy	RTV122 White RTV 123 Black RTV 128 Translucent	<ul style="list-style-type: none"> • Electrical insulation of wires and terminals • Formed-in-place gasketing

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Adhesive Sealant Paintable!	IS902 <i>One-Part, Paintable, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • Long term performance • Paintability with acrylic and oil based paints • Low odor 	Modified Alkoxy	White	<ul style="list-style-type: none"> • Adhesion of automotive and appliance trim • Weatherproofing seals • Interior and exterior applications
Adhesive Sealant	RTV1673LV <i>One-Part, Low Volatile, Paste Adhesive Sealant</i>	<ul style="list-style-type: none"> • Low odor • High temperature performance 	Modified Alkoxy	Black	Under hood automotive gasketing
Adhesive Sealant	RTV6700 series <i>One-Part, Paste Adhesive Sealants</i> RTV6702 RTV6703 RTV6708	<ul style="list-style-type: none"> • Low odor • AMS 3374 and UL recognition 	Modified Alkoxy	RTV6702 White RTV6703 Black RTV6708 Translucent	General sealing and bonding
Encapsulant/ Castable Elastomer	RTV11 <i>Two-Part Castable Elastomer</i>	<ul style="list-style-type: none"> • Work Life and Cure Time can be varied with catalyst concentration • FDA compliance 	Alkoxy (neutral)	White	<ul style="list-style-type: none"> • Rubber molds • Formed-in-place gaskets • Medical molds • High voltage power supply potting • General electrical potting
Encapsulant/ Castable Elastomer	RTV12 <i>Two-Part, Low Viscosity, Repairable Castable Elastomer</i>	<ul style="list-style-type: none"> • Clear to allow easy identification of components • Vibration-dampening soft rubber potting material with visual clarity • Specially formulated to minimize copper corrosion • Easily flows in and around complex electronic assemblies • UL 94 HB 	Alkoxy (neutral)	Clear	Electrical and electronic potting
Encapsulant/ Castable Elastomer	RTV21 <i>Two-Part Castable Elastomer</i>	<ul style="list-style-type: none"> • Work Life and Cure Time can be varied with catalyst concentration • FDA compliance 	Alkoxy (neutral)	Pink	<ul style="list-style-type: none"> • Rubber molds • Formed-in-place gaskets • Medical molds • High voltage power supply potting • General electrical potting

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Encapsulant/ Castable Elastomer	RTV31 <i>Two-Part, High Temperature Castable Elastomer</i>	<ul style="list-style-type: none"> High temperature performance Work Life and Cure Time can be varied with catalyst concentration 	Alkoxy (neutral)	Red	<ul style="list-style-type: none"> Fabrication of rubber parts Potting and encapsulating electric motors, transformers, surge protectors, industrial filters Casting molds for low-melting point metals Rubber rollers Thermal insulation
Encapsulant/ Castable Elastomer	RTV60 <i>Two-Part, High Temperature Castable Elastomer</i>	<ul style="list-style-type: none"> High temperature performance Work Life and Cure Time can be varied with catalyst concentration 	Alkoxy (neutral)	Red	Potting and encapsulation
Encapsulant/ Castable Elastomer	RTV88 <i>Two-Part, High Temperature Castable Elastomer</i>	<ul style="list-style-type: none"> High temperature performance Work Life and Cure Time can be varied with catalyst concentration 	Alkoxy (neutral)	Red	<ul style="list-style-type: none"> Fabrication of rubber parts Potting and encapsulating electric motors, transformers, surge protectors, industrial filters Casting molds for low-melting point metals Rubber rollers Thermal insulation
Encapsulant/ Castable Elastomer	RTV511 <i>Two-Part, Low Temperature Castable Elastomer</i>	<ul style="list-style-type: none"> Extreme low temperature performance 	Alkoxy (neutral)	White	<ul style="list-style-type: none"> Cast-in-place heat shielding Thermal insulation Potting and encapsulation of electrical assemblies
Encapsulant/ Castable Elastomer	RTV560 <i>Two-Part, High & Low Temperature Castable Elastomer</i>	<ul style="list-style-type: none"> RTV560 has the widest useful temperature range (highest and lowest) of any silicone elastomer 	Alkoxy (neutral)	Red	<ul style="list-style-type: none"> Cast-in-place heat shielding Thermal insulation Potting and encapsulation of electrical assemblies
Encapsulant/ Castable Elastomer	RTV566 <i>Two-Part, High & Low Temperature, Low Volatile, Castable Elastomer</i>	<ul style="list-style-type: none"> Low volatile Extreme high and low temperature performance 	Alkoxy (neutral)	Red	<ul style="list-style-type: none"> Low outgassing applications Cast-in-place heat shielding Thermal insulation Potting and encapsulation of electrical assemblies
Encapsulant/ Castable Elastomer	RTV567 <i>Two-Part, Low Temperature, Low Volatile Castable Elastomer</i>	<ul style="list-style-type: none"> Low volatile Extreme low temperature performance 	Alkoxy (neutral)	Translucent	Low outgassing applications

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Encapsulant/ Castable Elastomer	RTV577 <i>Two-Part, Low Temperature, Castable Elastomer</i>	<ul style="list-style-type: none"> • Extreme low temperature performance 	Alkoxy (neutral)	White	<ul style="list-style-type: none"> • Cast-in-place heat shielding • Thermal insulation • Potting and encapsulation of electrical assemblies
Encapsulant/ Castable Elastomer	RTV615 <i>Two-Part, Low Viscosity, Repairable, Optically Clear Castable Elastomer</i>	<ul style="list-style-type: none"> • Low viscosity • Offers easy repairability • FDA compliant 	Addition (Platinum)	Clear	<ul style="list-style-type: none"> • Solar potting • Optical instruments • Cell phone solar batteries • Applications requiring visual identification of potted assemblies • Electrical insulation • Applications in high humidity environments
Encapsulant/ Castable Elastomer	RTV627 <i>Two-Part, Low Viscosity, Flame Retardant Castable Elastomer</i>	<ul style="list-style-type: none"> • Flame retardant • UL V-0 	Addition (Platinum)	Dark gray	<ul style="list-style-type: none"> • Production line potting compounds • Encapsulation of high voltage transformers, voltage regulators, power converters • Complete power supplies. • Flyback electronics
Encapsulant/ Castable Elastomer	RTV655 <i>Two-Part, Low Temperature, Optically Clear Castable Elastomer</i>	<ul style="list-style-type: none"> • Reversion resistance and hydrolytic stability permit use in high humidity environments at elevated temperatures • Clarity permits visual inspection for easy identification and repair of encapsulated parts 	Addition (Platinum)	Clear	<ul style="list-style-type: none"> • Solar potting • Optical instruments • Cell phone solar batteries • Applications requiring visual identification of potted assemblies • Electrical insulation • Applications in high humidity environments
Moldmaking Compound	RTV630 <i>Two-Part, General Purpose Moldmaking Compound</i>	<ul style="list-style-type: none"> • High strength • Exhibits high tear resistance 	Addition (Platinum)	Blue	<ul style="list-style-type: none"> • Art reproduction • Prototyping
Moldmaking Compound	RTV664 <i>Two-Part, General Purpose Moldmaking Compound</i>	<ul style="list-style-type: none"> • Long work life product • Offers high durometer (62 Shore A) for applications requiring greater dimensional stability • Excellent chemical and abrasion resistance and was designed for high production on manufacturing lines • May be used in food contact applications 	Addition (Platinum)	Blue	<ul style="list-style-type: none"> • Art reproduction • Prototyping

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Primer	SS4120 <i>Primer for Use with Addition Cure RTV Silicone</i>	<ul style="list-style-type: none"> Helps promote adhesion of GE Silicones addition cure RTV's Used where clarity is needed FDA compliant 	Primer	Clear	Adhesion promotion for any addition-cure RTV silicone to most substrate materials
Primer	SS155 <i>General Purpose Primer</i>	<ul style="list-style-type: none"> Ready to use, silicone primer Blue color primer permits easy visual determination of uniform application 	Primer	Blue	General adhesion promotion for any RTV silicone to most substrate materials
Primer	SS4179 <i>Primer for Adhesion to Plastics</i>	<ul style="list-style-type: none"> Helps promote adhesion of GE Silicones sealants to difficult-to-bond plastic substrates including: <ul style="list-style-type: none"> Acrylics ABS Cellulosics (cellulose acetate) High-impact Styrene PPO® Polysulfones Polyesters PVC Noryl® 	Primer	Clear	Adhesion promotion for any RTV silicone to most plastics

FOR MORE INFORMATION OR TO REQUEST A QUOTE

For a complete list of materials or to request a quote on Momentive RTV silicone, please visit our website at www.curbellplastics.com or contact Curbell Plastics at 1-888-CURBELL (1-888-287-2355).

* Information courtesy of Momentive Performance Materials, Inc. www.momentive.com