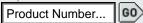
RTV Silicones





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Accessories

Adhesives

Brushes

Cleaners / Degreasers

Contact Cleaners

Desoldering Braid

Dusters & Circuit Coolers

EMI / RFI Shielding

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Flux and Flux Remover

Glass & Screen Cleaners

Isopropyl Alcohol

Lead Free Solder

Lubricants

Potting & Encapsulating

Protective Coatings

<u>Pens</u>

Prototyping Materials

RTV Silicones

Soldering/desoldering

Specialized Cleaners

<u>Swabs</u>

Thermal Management

Thermally Conductive

Adhesives

Wipes

MOMENTIVE RTV Silicones by **(1)** performance materials 1-Part Adhesive Sealant TSE3941





2 1-800-255-8886

M.G. Chemicals Disclaimer for RTV Silicones >

Locate Distributor >

Quick Links

- **MSDS**
- Catalyst options/MSDS
- Primer options/MSDS
- Specifications
- Available Sizes

Related products:

- RTV1032 White (1part)
 - TSE3331 Gray (2 part)

Resources

- ▶ Selection Guide >
- One Part Chart Two Part Chart

Find by Application

General Purpose

Aerospace >

Marine >

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Thermal Conductivity >

High Temperature >

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Primary Characteristics

- ▶ White Paste
- ▶ Thermally Conductive
- Primerless adhesion
- Neutral cure
- Non-corrosive
- ▶ UL recognized
- ▶ Flame retardant
- ▶ High strength
- Fast cure Fast tack free time
- Aggessive adhesion

Excellent high thermal conductivity. White paste. Has UL flammability rating of V-1 using the UL 94 test. Has outstanding adhesion and electrical properties. Resistant to heat, cold, moisture, UV, ozone and chemicals. When cured, retains elastomeric properties throughout the operating temparature range of -55°C to 200°C (-67°F to 392°F). Use for bonding components and devices to heat sinks as well as in other bonding applications where flexibility, thermal conductivity, and flame retardance are of concern. Requires no primer.

Available Sizes

Catalog Number	Sizes Available	Description
TSE3941-150G	150g (5.3 oz)	Tube
TSE3941-333ML	333ml (10 oz)	Cartridge
TSE3941-20K SPECIAL ORDER	20 kg (44 lbs)	44 lbs. pail

Specifications

Use	Adhesive Sealant
Special Features	Thermally conductive, Flame retardant
Standards	MIL-A-46146B (corrosion only)
	UL-94 V-1 recognition (file E56745)
Cross Reference	TSE3941
Uncured Properties	
Consistency	Paste
Color	White
Specific Gravity	1.65
Tack Free Time	5 min
Cure Through Time	3 days
Useful Temp. Range	-55°C to 200°C (-67°F to 392°F)
Cured Properties - MECHANICAL	
<u>Hardness</u>	60 (Shore A)
Tensile Strength	3.0 MPa (426 psi)
Elongation	100%
Cured Properties - ELECTRICAL	
Dielectric Strength	22 kV/mm

	500 V/mil
Dielectric Constant	4 @ 60 Hz
Cured Properties - THERMAL	
Thermal Conductivity	0.83 W/m · °K
Brittle Point	-60°C (-75°F)

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