

RTV Silicones

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RTV Silicones by

2-Part Potting/Encapsulating Compound RTV21

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Primary Characteristics

- Pink flowable
- Aerospace thermal insulation
- Condensation cure
- Primer required

Use for aerospace thermal insulation, thick section potting, and pour-in-place gasketing. [Primer](#) is required. The product comes complete with catalyst DBT. [Specialized catalysts](#) are available upon request.

Use for:

- Aerospace thermal insulation
- Thick-section potting
- Pour-in-place gasketing

Available Sizes

Catalog Number	Sizes Available	Description
RTV21-1G	1 gallon	pail
RTV21-5G	5 gallon	pail
RTV21 requires a primer. Visit our primer guide for details.		

Specifications

Use	General Purpose Potting
Special Feature	Aerospace thermal insulation
Cross Reference	RTV21
Uncured Properties	
Consistency	Flowable
Color	Pink
Specific Gravity	1.32
Pot Life (@ 25°C / 77°F)	1 hour
Cure Through Time	24 hours
Useful Temp. Range	-60°C to 205°C (-75°F to 400°F)
Cured Properties - MECHANICAL	
Hardness	45 (Shore A)
Tensile Strength	2.16 MPa (310 psi)
Elongation	180%
Cured Properties - ELECTRICAL	
Volume Resistivity	2.6 x 10 ¹⁴ ohm · cm
Dielectric Strength	16.5 kV/mm (420 V/mil)
Dielectric Constant	3.8 @ 1000Hz
Cured Properties - THERMAL	

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Thermal Conductivity	0.31 W/m · °K
Thermal Expansion	20 x 10 ⁻⁵ cm/cm °C
	(11 x 10 ⁻⁵ in/in °F)
Other	
Viscosity (@ 25°C)	11,000 cps
Mix ratio (by weight)	100:0.5

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