

RTV Silicones by MOMENTIVE™

RTV 560 

RTV560

Primary Characteristics

Red flowable
 Extreme high/low temp
[Condensation cure](#)
 Useful to 260°C (500°F)
 Useful to -115°C (-175°F)
[Primer](#) required

Use for aerospace applications such as potting, sealing and bonding, where high and low temperature service is required. A [primer](#) is required. The product comes complete with [catalyst DBT](#). [Specialized catalysts](#) are available upon request.

Use for:

Aerospace applications

Available Sizes

Catalog Number	Description
RTV560-1G	RTV560/DBT 012-Pail Kit (12.1LBS-5.477KG)
RTV560 requires a primer. Visit our primer guide for details.	

Technical Data

Use	Potting & Encapsulating
Special Feature	High/Low Temperature
Cross Reference	RTV560
GE Silicone National Stock Number	
6850-01-119-1932	
8040-00-117-7258	
8040-00-181-7162	
Uncured Properties	
Consistency	Flowable
Color	Red
Specific Gravity	1.42
Pot Life	2.25 hours
Cure Through Time	24 hours
Useful Temp. Range	-115°C to 260°C (-175°F to 500°F)

Cured Properties - MECHANICAL

Hardness	55 (Shore A)
Tensile Strength	4.71 MPa (690 psi)
Elongation	120%

Cured Properties - ELECTRICAL

Volume Resistivity	2×10^{14} ohm · cm
Dielectric Strength	21.2 kV/mm (540 V/mil)
Dielectric Constant	3.9 @ 1000Hz

Cured Properties - THERMAL

Thermal Conductivity	0.31 W/m · °K
Thermal Expansion	20×10^{-5} cm/cm °C (11×10^{-5} in/in °F)

Other

Viscosity (@ 25°C)	30,000 cps
Mix ratio (by weight)	100:0.5

FAQ

[View the FAQ](#)

Resources

Related Appguides:

- [1 Part RTV Silicone Selection Chart](#) 
- [2 Part RTV Silicone Selection Chart](#) 

Technical Support for RTV Silicones:

1-800-295-2392