

## Technical Data:

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# RTV 121-A

Clear, Low Viscosity, RTV silicone compound

### Product Description

RTV 121-A is a low viscosity, clear, condensation cure silicone compound for encapsulating, sealing and potting. The compound demonstrates excellent resistance to cure inhibition. RTV 121-A keeps high flexibility at low temperatures and good thermal stability.

### Features & Benefits

- Clear
- High resistance to cure inhibition
- High flexibility at low T
- Low viscosity
- Easy loading with fillers
- Good thermal stability

### Applications

Potting, sealing and encapsulating.

### Typical Uncured Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

<b>Base Resins</b>	RTV 121-A (A) RTV 121-A (B) RTV T-12 (C)	Silicones Cross linker Catalyst
<b>Appearance/Color</b>	A B C	Clear Clear Clear
<b>Viscosity @25°C, mPa*s</b> ASTM-D-2393	A B C	1700-2400 5 125
<b>Density @ 25°C, g/cm<sup>3</sup></b>	A B C	0.99 ± 0.02 1.06±0.01 1.03± 0.01
<b>Mix Ratio A:B:C (by weight)</b>		100:6.7: 0.1-0.5
<b>Mix Viscosity @25°C, mPa*s</b> ASTM-D-2393		1700-2400
<b>Work life @ 25°C, hr</b>		from 1 to 4

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### Typical Cured Properties

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<b>Curing Schedule</b>	12-24hr@25°C
<b>Hardness, ASTM-D-2240, Shore A</b>	25-32
<b>Service Temperature, °C</b>	-55 to 200

### Storage

Store products at 10-20°C for maximum shelf life.

### Packaging

Packaging sizes are available from 1L to 5L jerricans

### Shelf Life

These products have a shelf life of 6 months in their unopened original jerricans.

### Limitation of Liability

Except where prohibited by law, Polymer-G and seller will not be liable for any loss or damage arising from the Polymer-G product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.