

# ADHESIVE



## Red High Temp RTV Silicone

<u>Product Description</u>	<u>Product Features</u>
<p>Red High Temp is a high performance Adhesive/Sealant. That is well suited for a variety of applications in OEM and maintenance needs. Poly Seal Red cures rapidly to rubber at room temperature and bonds to a wide range of substrates including poly fittings, metal, glass, most plastics, fabric, wood, ceramics, etc.</p>	<ul style="list-style-type: none"><li>◆ Fast room temperature cure</li><li>◆ Thixotropic, heavy bodied paste</li><li>◆ Excellent unprimed adhesion to most plastics, metal and glass</li><li>◆ Rapid onset of adhesion</li><li>◆ High temperature resistance</li><li>◆ Temperature range -65 to 650F</li><li>◆ Color: Red</li><li>◆ 98% solids, contains no solvents</li></ul>

### Typical Properties

<u>UNCURED</u>	<u>CURED - R.T.</u>
	Cured -24 Hrs. @ 77F
Viscosity, cps	800,000
Specific Gravity	1.03
Consistency:	thixotropic paste
Cure time, hours @ 77F	24
Tack Free Time, min. @ 77F	10-20
Application Rate, (90 PSI, g/min. 3mm orifice)	400 g/min
	Tensile Strength, PSI >350
	Elongation, % >600
	Durometer, Shore A 27
	Brittle Point, F -80

<u>Typical Applications</u>	<u>Method of Application</u>
<ul style="list-style-type: none"><li>◆ Form in place gaskets</li><li>◆ Adhesive Sealant</li><li>◆ Automotive assembly and MRO</li><li>◆ Thread sealant for poly fittings</li></ul>	<p>Dispense sealant onto part and mate parts. Do not squeeze the entire product out of flange assembly. Allow to cure.</p>

### Curing

Cure speed can be accelerated with increased humidity to very rapid cures exhibiting surprisingly fast adhesion. Typical utilization involves dispensing in open air with exposure to ambient humidity. This method of application will result in a room temperature cured elastomer with very high adhesive properties.

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