

# Poly Seal Red

<u>Product Description</u>	<u>Product Features</u>
<p>Poly Seal Red 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>	<p>Fast room temperature cure            Thixotropic, heavy bodied paste            Excellent unprimed adhesion to most plastics, metal and glass            Rapid onset of adhesion            High temperature resistance            Temperature range -65 to 650F            Color: Red            98% solids, contains no solvents</p>

## Typical Properties

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

<u>Typical Applications</u>	<u>Method of Application</u>
<p>Form in place gaskets            Adhesive Sealant            Automotive assembly and MRO            Thread sealant for poly fittings</p>	<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.**