

Resbond™ S5H13

500°F Adhesive & Sealant

Bonds Heavy Plastic To Stainless Steel

- *Cures at Room Temperature*
- *Maintains High Bond Strength at High Temperatures*
- *Resistant to Corrosion, Chemicals & Thermal Shock*



**Bonds Heavy Plastic to Stainless Steel
For Use In High Temp. Corrosive Environments**

Easy to use. Just mix and apply.

No solvents. No volatiles. No outgassing.

Excellent adhesion to most metals, plastics, glass, ceramics, high performance composites etc.

Cures at room temperature to provide excellent high temperature stability, resistance to corrosion, all common chemicals, thermal shock and electricity.

Users Report S5H13 Bonds Heavy Plastic to Stainless Steel For use in high temp. corrosive environments.

Users Report S5H13 Insulates Bi-Polar Cauterizers Withstands Thousands of Steam Sterilization Cycles at 375 °F

Applications Include high performance bonding, potting, sealing and coating in instrumentation, medical devices, aerospace, automotive, critical electronic devices, etc.

Resbond S5H13 is The Ideal Choice For Use in Any High Temperature, High Performance Application.

Physical Properties

Max. Use Temp.	500°F
Components	2
Mix Ratio (by wt.)	100 : 13
Viscosity	Paste
Density	1.9 gms/cc
Hardness	80 Shore D
Tensile Strength	10,000 psi
Elongation	2 %
Shrinkage	0.2 % max
Moisture Absorption	0.05 % (30 days @ 50°C)
Thermal Expansion	6.4 x 10 ⁻⁵ /°C
Thermal Conductivity	13 BTU in/hr. °F Ft. ²
Volume Resistivity	10 ¹¹ ohm-cm
Dielectric Strength	500 volts/mil

Availability:

Cat #	Description
S5H13 -1	Pint Kit, resin and hardener
S5H13 -2	Gallon Kit, resin and hardener

Quantity Prices on Request.

Distributed By:

 **COTRONICS CORPORATION**