

**Cox Sales Company**  
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**S-96-2**  
**TWO PART**  
**FLEXIBLE URETHANE POTTING**  
**AND ENCAPSULATING COMPOUND**

**S-96-2** is a low viscosity potting and encapsulating polyurethane. It is used in potting electrical devices for automotive and telecommunication. **S-96-2** had excellent moisture resistance and outstanding electrical properties. **S-96-2** is a flexible low durometer hardness, urethane potting and encapsulating compound. The gel time allows time for vacuuming the compound as well as allowing for a relatively quick assembly turn over rate. Typical applications for **S-96-2** would be the potting and encapsulating of sensitive electronic components and assemblies. **S-96-2** also makes an ideal mold making compound.

**Typical Technical Data:**

Part A: Viscosity	8000cps
Color:	Clear
Specific Gravity:	0.90
Part B: Viscosity:	30000 cps
Color:	Amber
Specific Gravity:	1.12
Mixed: Viscosity:	20000 cps
Color:	Amber
Specific Gravity:	0.98
Mix Ratio [A: B]:	2:1 By Weight 100:83 by volume
Pot Life: 100 gram mass:	6 min
Shore A Hardness:	50-60 A
Tensile Strength (psi)	350
Elongation (%)	195
Modulus (psi)	136
Tear Strength (pli)	49
Surface Resistivity (ohm)	$5 \times 10^{17}$
Volume Resistivity (ohm-cm)	$3 \times 10^{15}$
Dielectric constant (1MHz)	3.6