

Product
Bulletin

S103

Two-Component Silicone, High Temperature Potting Compound

GENERAL DESCRIPTION

S103 is a two-component, silicone system specifically developed to provide good high temperature characteristics.

S103, in its cured state, can survive a temperature of 525°F for extended period of time with shorter periods at 650°F.

S103 has excellent flow characteristics and a long working time, yet achieves full cure in 12 hours or less.

S103 is recommended for potting and encapsulating electronic components where high temperatures are a problem.

SPECIFICATIONS
UNCURED PROPERTIES:

<u>Color:</u>	base-red; activator-clear
<u>Viscosity @ 77°F, cps:</u>	7,900
<u>Working Time:</u>	2 hrs.
<u>Cure Time:</u>	12 hrs.

CURED PROPERTIES:

<u>Hardness, Shore A:</u>	55
<u>Tensile Strength, psi:</u>	750
<u>Elongation, %:</u>	150
<u>Tear Strength, ppi:</u>	40
<u>Shrinkage, %:</u>	0.3
<u>Specific Gravity:</u>	1.2