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SE67-CON CONDUCTIVE SILICONE

SE67-CON is a semi-conductive silicone rubber compounded from a high quality silicone and specially prepared carbon particles. The material design of SE67-CON provides higher tear resistance than the typical conductive silicone. Good physical characteristics and excellent conductivity in the X, Y and Z axis are ideally suited for applications such as:

Electro-Static Discharge - SE67-CON is custom molded into parts used in chip processing machines. The conductivity is adjusted to prevent high voltage shorts. Standard conductive silicones often provide too much conductivity for chip manufacture processes.

<u>Properties</u>	<u>SE67-CON</u>
Color	Black
Durometer, IRHD, Shore A ASTM D2240	60, \pm 5
Tensile Strength, psi (MPa)	850 (5.9)
Elongation, % ASTM D412	275
Tear strength, lb/in (kN/m) ASTM D624 Die B	100 (17.5)
Temperature Range	-54°C to 204°C (-65°F. to 400°F.)
Surface Resistivity, ohms/sq ASTM D257	20,000
Specific Gravity	1.15

SE67-CON is available in sheets from .030" to .500" thk. and in die cut and custom molded shapes. RTV60-CON conductive silicone bonds SE67-CON to itself and to aluminum and steel surfaces.