



# S-3311 Conductive Foam Sheet Stock

### Characteristics:

TennMax S-3311 is designed to replace high cost Ag plated particles. The nature of the Ni plated Graphite particles not only provides reasonable Electrical conductivity but also Absorption property. S-3311 is a closed cell foam type silicone sheet stock, it has low enclosure force and highly compressible property. The product offers enhanced galvanic corrosion resistance and stability in severe environments.

### Features:

- Low Z axis impedance
- Low enclosure force, highly compressible up to 70%
- The foam does not degrade nor fragile after high temperature storage

Available Thickness: 1, 2, 3 mm

### Typical Properties:

Properties	Unit	S-3311
Elastomer Binder		Silicone Foam
Conductive Filler		Ni/Gr
<b>Physical Properties</b>		
Specific Gravity	g/cm	0.96
Shore A Hardness (Shore 00)		25 (00)
	psi	145
	%	70
	lb/in	40
Compression Set	%	20
Color		Dark Grey
Temperature Range	°C	-45 ~+150
	°C	200
<b>Electrical Properties</b>		
Volume Resistivity	Ohm .cm	0.03
E-Field, 100 MHz	dB	
	dB	
	dB	

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