

Conductive Silicone Foam S3311



Description

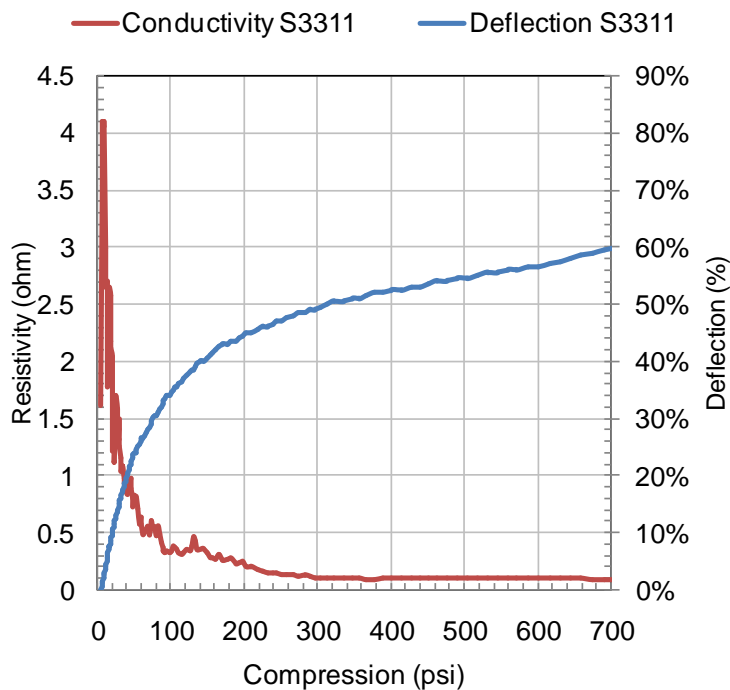
The S3311 is designed to replace costly Ag plated particles. The nature of the Ni plated Graphite particles provide reasonable Electrical conductivity with suitable Absorption properties. It is a closed cell foam type silicone sheet stock that contains a low enclosure force and highly compressible properties.

The product offers enhanced galvanic corrosion resistance and stability in severe environments. The single side conductive pressure sensitive adhesion is available for easy installation.

Benefits

- High EMI shielding effectiveness
- Soft and highly compressible
- Provides good electrical stability without bleeding or migration
- Greater than 100 dB shielding effectiveness from 200 MHz to 10 GHz with a small gasket bead
- Single side and double side conductive PSA available

FDR test for S3311 against Pressure



Properties	Unit of Measure	S3311
Elastomer Binder	-	Silicone
Conductive Filler	-	Ni/Gr
Color	-	Dark Grey
Physical Properties		
Specific Gravity	g/cm ³	1.0
Hardness	Shore OO	25
Tensile Strength	psi	139
Elongation	%	70
Tear Strength	lb/in	40
Compression Set	%	20
Temperature Range	°C	-45 to 150
Maximum Using Temperature	°C	200
Electrical Properties		
Gasket Resistivity 30% compression 1mmT	Ohm	0.53
Shielding Effectiveness 1GHz – 10GHz	dB	>100

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