

## F-5311

### Conductive Form-In-Place Foam Gasket

#### Characteristics:

TennVac's F-5311 is designed to replace high cost Ag plated particles where high shielding and cost effectiveness solutions are required. The nature of the Ni plated Graphite particles not only provides reasonable Electrical conductivity but also Absorption property.

It is a two component, heat curable Silicone foam system, optimized for low enclosure applications, suitable for either metal or plastic covers. The system does not have silicone bleeding neither reverse reaction, it 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

#### Applications:

- Base Station
- Telecommunication Devices

#### Typical Properties:

Properties	Units	F-5311
Elastomer Binder		Silicone Foam
Conductive Filler		Ni/Gr
<b>Physical Properties</b>		
Specific Gravity	g/cm	1.0
Shore A Hardness		25
	Kgf/cm <sup>2</sup>	9.75
	%	70
	lb/in	40
Compression Set	%	30
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	

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