

## F-5304

Conductive Form-In-Place Gasket

### Characteristics:

F-5304 is extremely soft version of F-5301, it remains the same shielding effectiveness but much softer for easier compress. F-5304 is designed to replace high cost Ag plated particles at a fraction of the cost. 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 system, optimized for Form-In-Place process. It is ideally suitable for Metal or Glass Fiber filled Plastic substrates.

The system offers enhanced galvanic corrosion resistance and stability in severe environments.

### Applications:

- Base Station
- Telecommunication Devices

### Typical Properties:

Properties	Unite	F-5304
Elastomer Binder		Silicone
Conductive Filler		Ni/Gr
<b>Physical Properties</b>		
Specific Gravity	g/cm	2.2
Shore A Hardness		15
	psi	80
	%	200
	lb/in	300
Compression Set	%	30
Color		Dark Grey
Temperature Range	°C	-45 ~+150
	°C	200
<b>Electrical Properties</b>		
Volume Resistivity	Ohm .cm	0.08
E-Field, 100 MHz	dB	
	dB	
	dB	

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