

F-5301

Conductive Form-In-Place Gasket

Characteristics:

The shielding effectiveness of TennVac's F-5301 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	Units	F-5301
Elastomer Binder		Silicone
Conductive Filler		Ni/Gr
Physical Properties		
Specific Gravity	g/cm	2.0
Shore A Hardness		60
	psi	150
	%	80
	lb/in	40
Compression Set	%	30
Color		Dark Grey
Temperature Range	°C	-45 ~+150
	°C	200
Electrical Properties		
Volume Resistivity	Ohm .cm	0.08
E-Field, 100 MHz	dB	
	dB	
	dB	

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