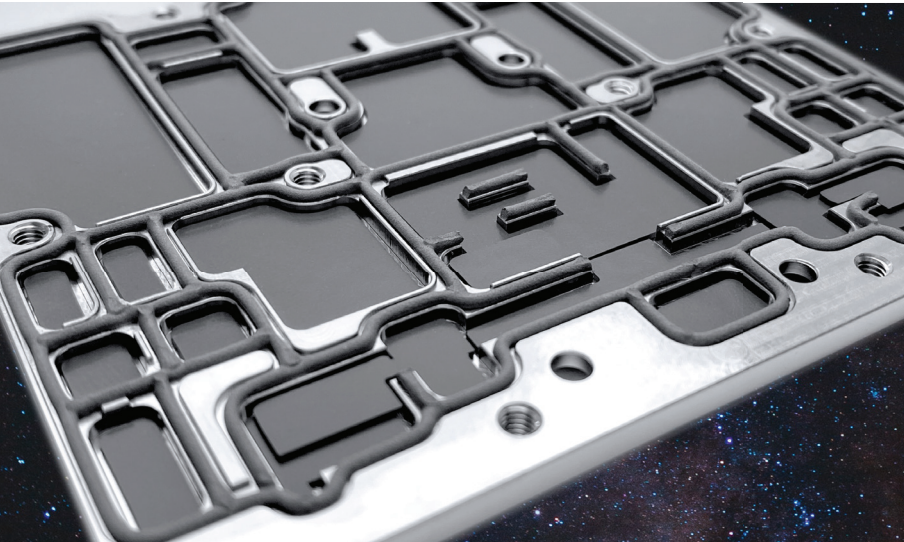


Fluorosilicone Form-In-Place Gasket

EMI shielding material designed for harsh environments



MATERIAL

Conductive Fluorosilicone

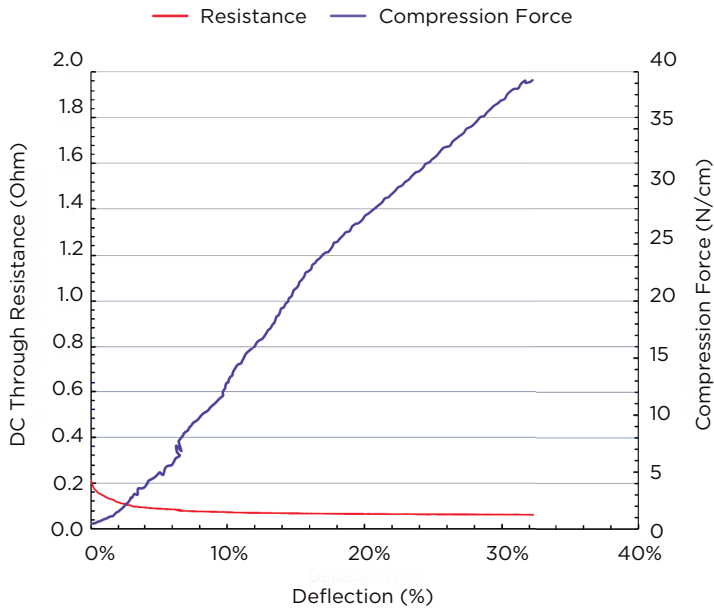


FEATURES

- High mechanical strength, excellent adhesion, and high EMI shielding performance in harsh environments, including salt fog, UV and ozone, JP-10 jet fuel, polar solvent, and polyalphaolefin (PAO)
- Meets NASA outgassing requirements
- Ideal for military and aerospace applications

Force-Deflection-Resistance of F5382 Gasket

D Shape 1.0 mm(H) * 1.3 mm(W)
Rate of Strain, 1.5mm/min



PROPERTIES	F5382
Elastomer Binder	Fluorosilicone
Conductive Filler	Ni/Graphite
Cure System	Thermal
Density	2.50 g/cm ³
Hardness	75 Shore A
Adhesion on Al Metal	>80 N/cm ²
Tensile Strength	210 psi
Tear Strength	41 Lbf/in
Operating Temperature	-55 to 150 °C
Flammability Rating (UL 94V-0)	E303387
DC-Through Resistance @ 30% Compression, 1mm H	0.06 Ohm
Shielding Effectiveness 200 MHz - 40 GHz	>100 dB
Min. Bead Height	1 mm

GET IN TOUCH

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