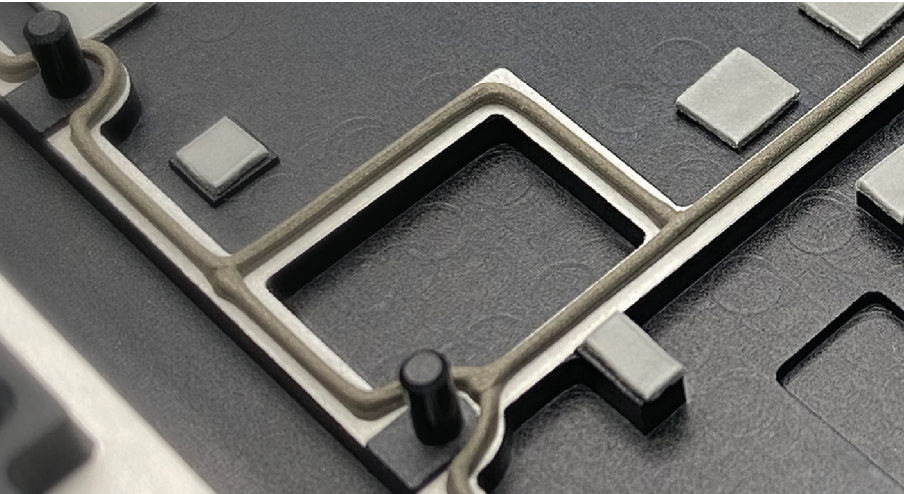


MaxTEC™

Thermally and Electrically Conductive Form-In-Place Gasket



MATERIAL

Conductive Silicone

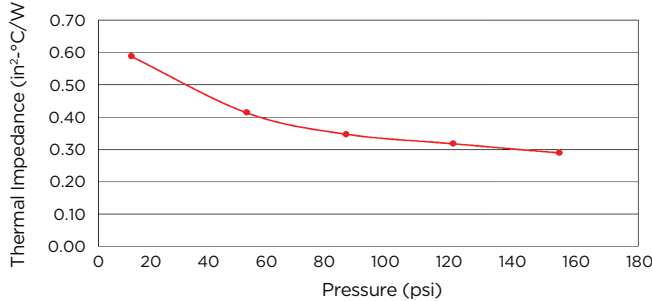


FEATURES

- Dual-function, excellent EMI shielding performance with enhanced thermal conductive performance
- Low DC through resistance under small compression force, making it ideal for most applications

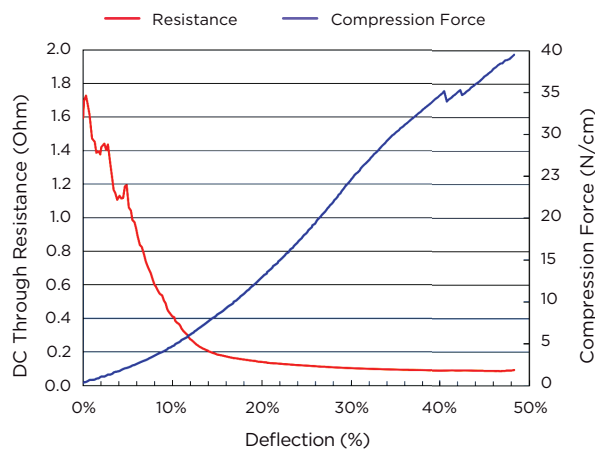
Thermal Impedance Vs. Stress of F7101 (1.0mm thick)

(at Temp 50°C: Step application of pressure 11, 49, 82, 118, 154, ASTM D5470 modified)



Force-Deflection-Resistance of F7101 Gasket

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



PROPERTIES	F7101
Elastomer Binder	Silicone
Conductive Filler	Special Fillers
Cure System	Thermal
Density	2.89 g/cm ³
Hardness	55 Shore A
Thermal Conductivity	2.7 W/m-K
Adhesion on Al Metal	>60 N/cm ²
Tensile Strength	121 psi
Tear Strength	13 Lbf/in
Operating Temperature	-45 to 150 °C
UL Flammability Rating (UL 94V-0)	E303387
DC-Through Resistance @ 30% Compression, 1mm H	0.10 Ohm
Shielding Effectiveness 200 MHz - 40 GHz	>100 dB
Minimum Bead Height	0.5 mm

GET IN TOUCH

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