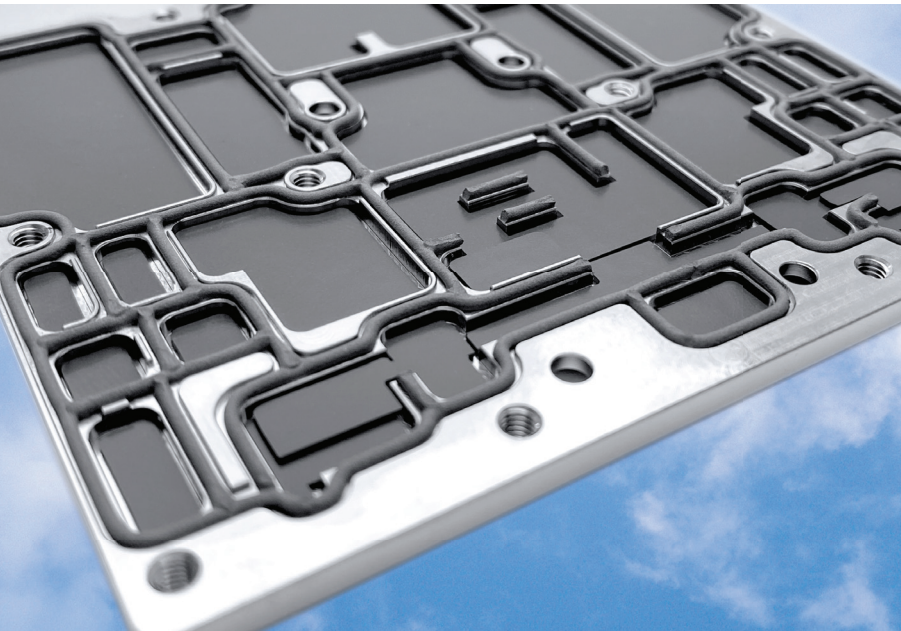


Ultra-Soft

# Environmental Form-In-Place Gasket



## MATERIAL

Non-electrically conductive  
fluorosilicone



## FEATURES

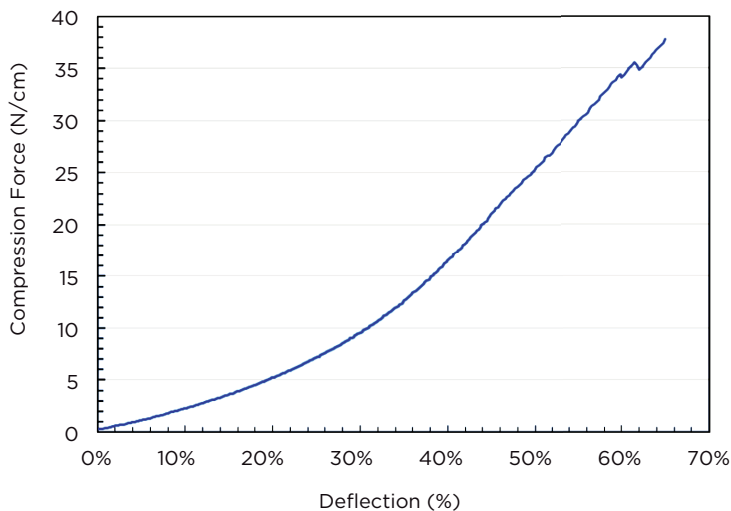
- Excellent water, dust, fluid, and environmental sealing
- Flexible at low temperature
- Good adhesion on general plastic and metal substrates
- Resistant to PAO, polar solvent, automotive fuel, oil additives (Amine), chemicals, and steam

### Force-Deflection of F6081 Gasket

D Shape 1.0 mm(H) \* 1.3 mm(W)

Rate of Strain, 1.5mm/min

— Compression Force



PROPERTIES	F6081
Composition	Fluorosilicone
Color	Black
Density	1.85 g/cm <sup>3</sup>
Softness	40 Shore A
Cure System	Thermal
Adhesion on Al Metal	>50 N/cm <sup>2</sup>
Tensile Strength	>500 psi
Tear Strength	>50 Lbf/in
Operating Temperature	-50 to 150 °C
PAO Resistance	Pass NASA PAO Immersion
Flammability Rating (UL 94HB)	E303387
Gaskets and Seals (UL 157)	MH60623
Enclosures for Electrical Equipment, Environmental Considerations (UL 50E)	MH60623
Volume Resistivity	1 x 10 <sup>14</sup> Ohm-cm
Dielectric Strength	20 kV/mm
Minimum Bead Height	0.3 mm

## GET IN TOUCH

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