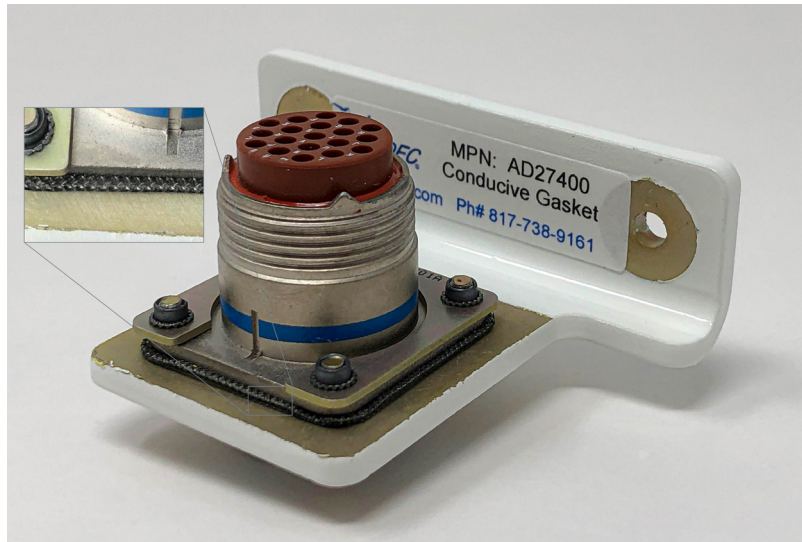


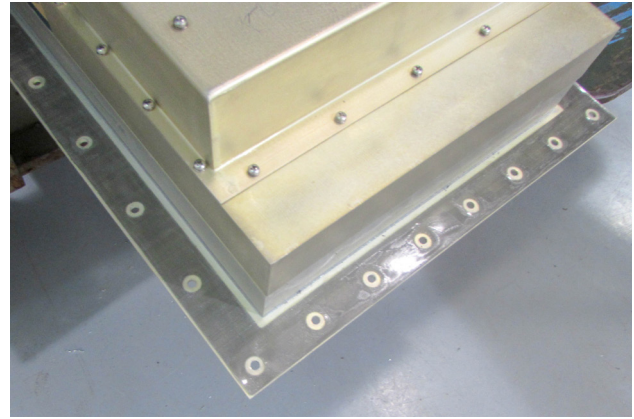
# HI-TAK<sup>®</sup> Conductive Specialty Gasket

These pre-cured polyurethane conductive specialty materials were developed to meet the customer needs and requirements of the application. It is also designed for use as an environmental sealant while providing a low electrical resistance path. The flexible nature of this system provides for easy access for inspection or repair long after the original application. System demonstrates excellent cohesion after installation, and provides a high degree of environmental protection, while still allowing for easy removal. Information pictured and listed in this brochure are just a sampling of products available. Please contact us with your specific needs.



HI-TAK<sup>®</sup> Connector Gasket

Features	Benefits
Sealing over the entire surface area	Corrosion prevention, structural repair cost avoidance, diversion/cancellation/delay cost avoidance
Reduction in panel or connector removal/replace cycle time	Reduction in: return-to-service time, troubleshooting time, labor cost, hanger time and gate delays
Elimination of sealants	Elimination of cure time and hazardous material
Consistent, easy installation	Die cut gaskets assure proper sealing with 100% gasket to surface contact
Polyurethane material	Non-hazardous, no silicone oil residue before, during or after installation or removal, no issues with paint adhesion or prep, no peripheral silicone contamination
Excellent material memory and elasticity	Sealing is maintained during vibration and thermal expansion and contraction



HI-TAK® Connector Gasket

## TYPICAL PHYSICAL PROPERTIES

<b>Color</b>	Gray
<b>Thickness</b> • As Supplied • Compressed	Standard = 0.030 in (0.762 mm) Standard = 0.020 in (0.508 mm)
<b>Frame (mesh)</b>	5056 Aluminum
<b>Bonding resistance</b>	Antenna to aircraft, $\leq 2.5\text{m}\Omega$ (typically $< 1\text{m}\Omega$ )
<b>Shelf life, sealed container</b>	Indefinite (in original packaging and protected from UV exposure).
<b>Reactivity, to typical aviation metallic and non-metallic surfaces</b>	None. (Product supplied fully cured)
<b>Service temperature guide per RTCA DO-160G, Section 5, 2 cycles</b>	$-85^{\circ}\text{F}$ to $275^{\circ}\text{F}$ / $-65^{\circ}\text{C}$ to $135^{\circ}\text{C}$

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