

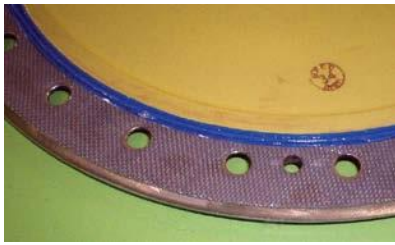
Conductive Specialty Gasket

HI-TAK® 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.



Feature	Benefit
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



Typical Physical Properties

Product Name	Connector Gasket	Fuel Resistant Conductive Gasket
Part Number Series	AD2740X-YY-ZZ	FG323000-XX
Applications	Sizes to fit most mil-spec connectors – custom configurations available	FAA-STC approval for DC-9/MD-80 aircraft—other configurations in work
Frame (Mesh)	Aluminum or to meet customer specifications	
Thickness	Before Compression 30 mils – After Compression 15-20 mils, depending on clamping force applied.	
Weight/Area	0.023 oz/in ² (0.101 g/cm ²)	0.024 oz/in ² (0.105 g/cm ²)
Shelf Life	Indefinite (in original packaging and protected from UV exposure)	
Bonding Resistance	Meets MIL-B-5087 Class “R”, ≤ 2.5mΩ	
Service Temperature Guide	-65°C to 135°C (-85°F to 275°F) Continuous	
MSDS	SDS information can be requested at info@avdec.com	

For a full list of NSN's please visit our website, www.avdec.com