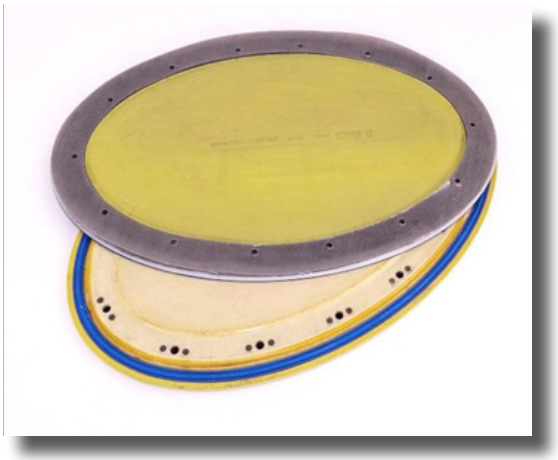
The Science That Stops Corrosion.

Product Information Sheet

HI-TAK® Fuel Acess Panel Gasket

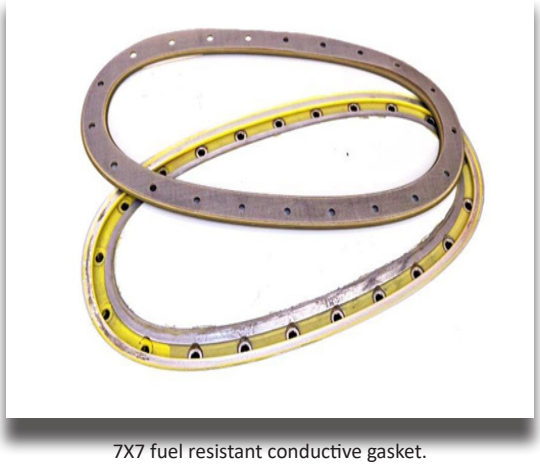
The Av-DEC® Hi-TAK® Fuel Access Panel Gasket, with its "Apply and Fly™" application method and its polyurethane sealant, offers many advantages over commonly-used grease-impregnated gaskets: ease of use resulting in reduced installation time; no VOCs that evaporate over time and lead to voids that trap moisture which promotes corrosion; indefinite shelf life when stored in original packaging and protected from UV exposure; no use of grease, no need to degrease and reapply grease every five years, no greasy mess.

The gasket's aluminum mesh provides a conductive path for lightning strike protection over the life of the gasket and reduces fretting to the wing skin and door surfaces. Its fuel-resistant polyurethane sealant fills voids and surface imperfections to protect the faying surfaces from moisture intrusion and corrosion, providing a long-term environmental seal. The flexible and cohesive nature of the gasket provides a high degree of environmental protection to help reduce or eliminate corrosion, reducing the scrap rate of tank access doors, decreasing cost and saving time, and improving the reliability of the air vehicle.

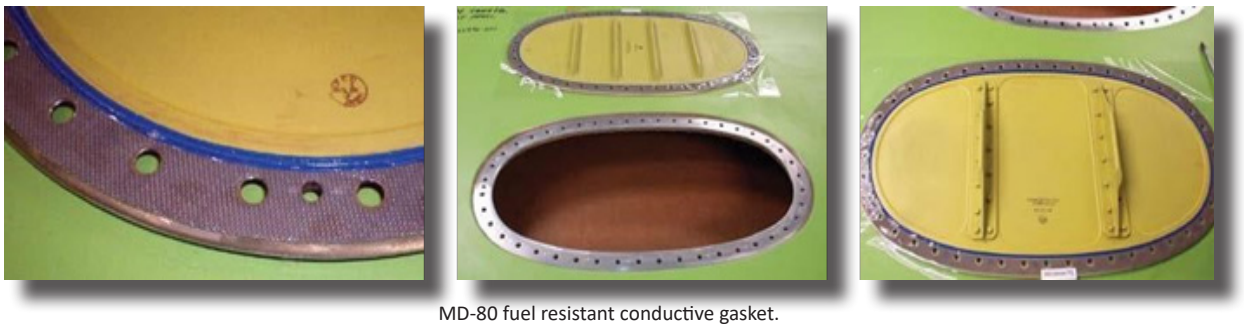


Challenger 300 fuel resistant conductive gasket.

MD-80 fuel resistant conductive gasket.



7X7 fuel resistant conductive gasket.



MD-80 fuel resistant conductive gasket.

TYPICAL PHYSICAL PROPERTIES	
Part Number Series	FG323000-XX
Thickness • **As supplied** • **Compressed**	 Standard = 0.030 in (0.762 mm) Standard = 0.020 in (0.508 mm)
Frame (Mesh)	5056 Aluminum
Bonding Resistance	Access panel to aircraft, ≤2.5mΩ (typically <1mΩ)
Shelf life, sealed container	Indefinite (in original packaging and protected from UV exposure)
Reactivity, to typical aviation metallic and non-metallic surfaces	None. (Product supplied fully cured)
Service temperature guide per RTCA DO-160G, Section 5, 2 cycle	-85°F to 275°F (-65°C to 135°C)
SDS	SDS information can be requested at info@avdec.com

* Zone determined per SAE ARP5412; each airframe configuration may be different