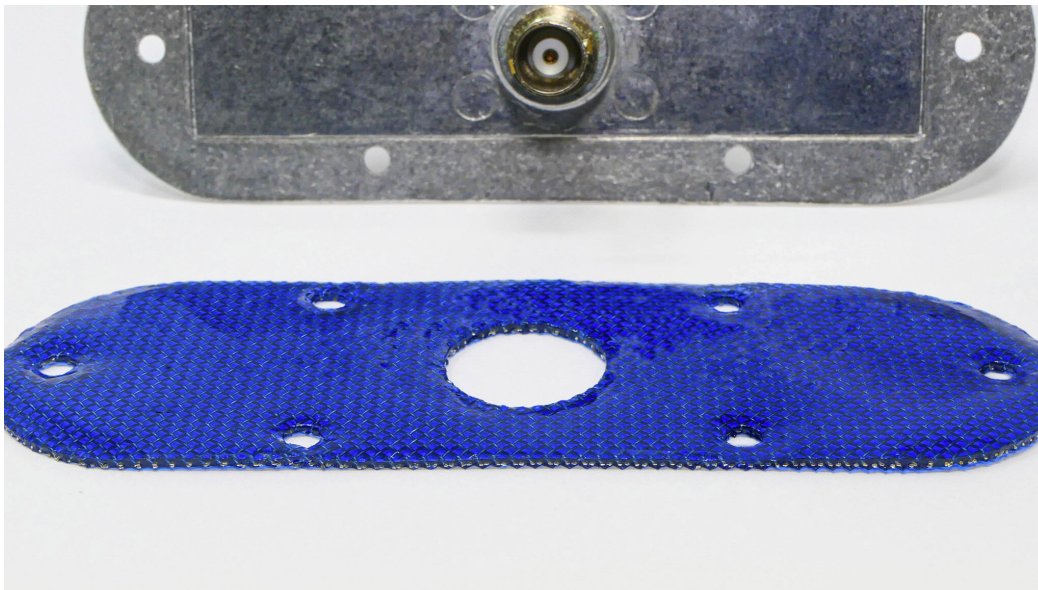


HI-TAK[®] Polyurethane Conductive Gasket

This is a pre-cured polyurethane antenna gasket with aluminum carrier die cut to fit the antenna. It is also designed for use as an environmental sealant. The flexible nature of this system provides for easy access for inspection or repair long after the original application. Sealing is maintained during aircraft vibration and thermal expansion and contraction. System demonstrates excellent cohesion after installation, and provides a high degree of environmental protection, while still allowing for easy removal and antenna bonding.



HI-TAK[®] Polyurethane Conductive Gasket before being installed on antenna

| Feature | Benefit |
|---|---|
| Antenna-to-structure sealing over the entire surface area | Corrosion prevention, improved avionics reliability, antenna repair/scrap cost avoidance, structural repair cost avoidance, diversion/cancellation/delay cost avoidance |
| Reduction in antenna removal/replace cycle time | Reduction in: return-to-service time, troubleshooting time, labor cost, hanger time and gate delays |
| Pre-cured Gasket | Elimination of cure time |
| 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 |



HI-TAK® Polyurethane Conductive Gasket installed on TCAS antenna

TYPICAL PHYSICAL PROPERTIES

| | |
|---|--|
| Part Number Series | AGXXXXXX-YY |
| Color | Blue |
| Thickness | |
| <ul style="list-style-type: none"> • As Supplied • Compressed | Standard= 0.055 in (1.40 mm) Standard= 0.034 in (0.86 mm) |
| Frame (mesh) | 5056 Aluminum |
| Bonding resistance, antenna to aircraft | Antenna to aircraft, Meets MIL-B-5087B Class “R”, MIL-STD-464 and MIL-STD-1310H, $\leq 2.5m\Omega$ |
| 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 cycles | -85°F to 275°F / -65°C to 135°C |
| SDS | SDS information can be requested at info@avdec.com |

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