



## HI-TAK® Conductive Gasket

PN RT-15120

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### TECHNICAL DATA SHEET

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#### HI-TAK® Conductive Gaskets

**Description:** Conductive gasket material 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. The system demonstrates excellent cohesion after installation and provides a high degree of environmental protection while still allowing for easy removal. Shapes to fit most aircraft antennas are available. Custom shapes are readily available.

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#### Typical Physical Properties

Color	Blue
Thickness <ul style="list-style-type: none"> <li>• As Supplied</li> <li>• Compressed</li> </ul>	Standard = 0.055 in (1.40 mm) Standard = 0.034 in (0.86 mm)
Frame (mesh)	5056 Aluminum
Weight/Area (nominal)	0.039 oz/in <sup>2</sup> (0.173 g/cm <sup>2</sup> )
Bonding resistance, 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)
Salt Fog 3000hrs (ASTM B117)	No corrosion
Fluids Resistance per RTCA DO-160G, Section 11	Contact <a href="mailto:technicalsupport@avdec.com">technicalsupport@avdec.com</a>

**IMPORTANT - Consult the material safety data sheet (MSDS) before using this material.**

