

HI-TAK® StretchSeal®

This product is a pre-cured polyurethane elastomeric sealant with foam carrier designed for sealing and moisture-proofing around mated electrical connectors, coaxial connectors, circumferential and irregular surfaces. This product is very cohesive in nature and provides an environmental seal when stretched/applied around mated connectors.



HI TAK® StretchSeal® wrapper around connectors

Feature	Benefit
Provides a high level of tack to circular and irregular surfaces	Moisture barrier, corrosion protection, improved reliability, repair/scrape cost avoidance
Ease of installation and removal	Reduction in: return-to-service time, troubleshooting time, labor cost, hanger time
Leaves no residue when removed	No solvents required, no scraping required, no paint adhesion issues
Consistent, easy installation	Elastomeric and cohesive properties assure proper sealing with 100% surface contact
Polyurethane material	Non-hazardous, no silicone oil residue before, during, or after installation or removal
Replaces moisture-retaining products around connectors	Positive moisture barrier, easy removal from connector

TYPICAL PHYSICAL PROPERTIES

Part Number	AD89503 - XX-YY (XX=width, YY=length) Available in Kits EN110589; AD27500; AD28500
Color	Plum
Thickness (as supplied)	0.07 in (1.78 mm)
Width (XX)	01 = 1.0" 02 = 0.5" 03=2.0" 04=1.5"
Length (YY)	12 = 12" 18 = 18" 24 = 24" 36 = 36"
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

Parts of HI-TAK® QuadSeal® Antenna Solution

- 1 Hi-TAK® polyurethane gaskets make a seal between the antenna and aircraft interface.
- 2 StretchSeal® is used to wrap around coaxial connector.
- 3 Self-Leveling® Green is placed at the connector base to provide 100% antenna surface protection.
- 4 Perimeter seal with fast curing Thixoflex® Black for ultimate protection.



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