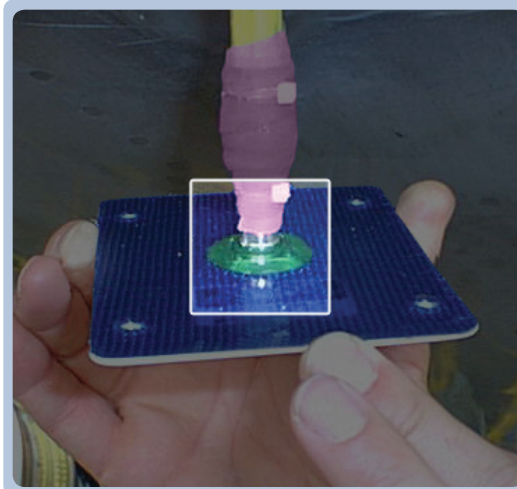


INJECTABLE SEALANTS

SelfLeveling Green™

SelfLeveling Green™

Two component polyurethane material designed for use as a watertight, flexible sealant. The low viscosity allows for easy application where self-leveling is desired. The system demonstrates excellent adhesion to itself and allows for easy removal when necessary. Commonly used in antenna connector base, seat tracks, wet areas; under lavs, galleys and cargo bays, in electrical connector backshells, on nutplates and to fill in gaps and voids. Also available in flame retardant (FR).



Part of the TotalSeal™ Antenna Solution

HI-TAK® Polyurethane Conductive Gasket seals antenna-aircraft interface

HI-TAK Tape® StretchSeal™ polyurethane wrap for coaxial connector sealing

SelfLeveling Green™ polyurethane sealant at connector-antenna interface



SelfLeveling Green on antenna base



Seat Track Test

TufStuff™

Two component polyurethane material designed for use as a weather-tight, self-leveling, rigid sealant. The rigid nature of this system provides potential abrasion resistance where minor traffic is expected (i.e. cargo bay tie down areas). The system demonstrates excellent adhesion to itself after repair or inspection and provides a high degree of environmental protection with maximum sealing. Common use is in cargo bay tie down areas and behind chemical toilet area to cover SelfLeveling Green.



Cargo Fitting

Feature	Benefit
Provides a high level of tack to most substrates	Moisture barrier, corrosion protection, improved reliability, repair/scrap
Ease of installation	Low viscosity and cohesive properties assure proper sealing with 100% surface contact
Ease of 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
Polyurethane material	Non-hazardous, no residue before, during, or after installation or removal
Replaces moisture-retaining products around connectors	Positive moisture barrier, easy removal from connector

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

INJECTABLE SEALANTS

SelfLeveling Green™ and TufStuff™

Typical Physical Properties

Product Name	Self Leveling Green	TufStuff
Part Number – 50cc	HT3326-5-50	TS1228-50
Part Number – 200cc	HT3326-5-200	TS1228-200
Color	Green	Amber
Reaction Ratio (by weight)	100 : 89.4 Resin to Hardener	100 : 163 Resin to Hardener
Reaction Ratio (by volume)	100 : 100	100 : 200
Weight, Resin, lbs/gal at 25°C (77°F)	8.4 to 8.6	9.7 to 9.9
Weight, Hardener, lbs/gal at 25°C (77°F)	7.5 to 7.7	7.9 to 8.1
Viscosity, Resin, Cps at 25°C (77°F)	1500 to 2500	75 to 250
Viscosity, Hardener, Cps at 25°C (77°F)	3300 to 4300	700 to 1200
Gel Time at 25°C (77°F)	< 10 minutes (10g mass)	< 15 minutes (100g mass)
Working Life at 25°C (77°F)	< 5 minutes (10g mass)	< 8 minutes (100g mass)
Hardness, Shore at 25°C (77°F)	“OO” 30 to 50	“A” 45 to 65
Storage Temperature	Greater than 13°C (55°F)	
Shelf Life	6 months (in original packaging)	
Test Data	14 day alternate immersion test (ASTM-G44) No Degradation of Physical Properties, No corrosion evident in protected areas	
Solvent Resistance for MS52678 Polyurethane Sealant	ASTM D-543, (Water, Polypropylene Glycol/Water, Skydrol LD-4, MIL-H-5606, Jet A) No Degradation of Physical Properties	
Service Temperature Guide	-65°C to 135°C (-85°F to 275°F)	-65°C to 135°C (-85°F to 275°F)
Application Temperature	Greater than 13°C (55°F)	
MSDS	Separate MSDS for Resin and Hardener for all 2-part injectables. MSDS information can be found at www.avdec.com	

Av-DEC high cohesion – low adhesion sealants are available from 1000 centipoise to 65,000 centipoise. Working time can vary from 5 minutes to 2 hours. Full cure time can vary from 30 minutes to 48 hours depending on temperature.