

Tuff Stuff™

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This two component polyurethane material is 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 the cargo bay tie down areas and behind chemical toilet area to cover Self-Leveling Green®.



Cargo Fitting

Feature	Benefit
Provides a high level of track 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

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Typical Physical Properties

Product Name	Tuff Stuff™
Part Number – 50cc	TS1228-50
Part Number – 200cc	TS1228-200
Color	Amber
Reaction Ratio (by weight)	100 : 163 Resin to Hardener
Reaction Ratio (by volume)	100 : 200
Specific Gravity, Resin, at 25°C (77°F)	1.16 to 1.19
Specific Gravity, Hardener, at 25°C (77°F)	0.95 to 0.97
Specific Gravity, mixed, at 25°C (77°F)	1.03
Viscosity, Resin, Cps at 25°C (77°F)	75 to 250
Viscosity, Hardener, Cps at 25°C (77°F)	700 to 1200
Gel Time at 25°C (77°F)	< 15 minutes
Working Life at 25°C (77°F)	< 8 minutes
Hardness at 25°C (77°F)	Shore “A” 50 to 60
Dielectric Strength	>667 volts/mil
Storage Temperature	> 18°C (64.4°F)
Shelf Life	9 months (in original packaging and protected from UV exposure)
Service Temperature Guide	-65°C to 135°C (-85°F to 275°F)
Application Temperature	> 10°C (50°F)
Peel Strength	4.92 piw
Tensile Strength (ASTM D412)	259.77 PSI
Salt Fog 3000hrs (ASTM B117)	No Corrosion Present
MSDS	SDS information can be requested at info@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.