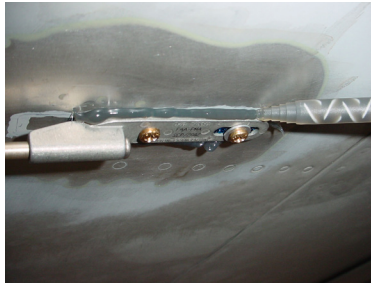


Thixoflex[®] Orange & Thixoflex[®] Gray

Av-DEC's[®] two component urethane material is designed for use as a watertight, thixotropic, flexible sealant. The flexible nature of this system provides for easy access for repair long after the original application. The thixotropic properties of the sealant allow it to be used on vertical or overhead applications without dripping or sagging. The system demonstrates excellent adhesion to itself for repair, and provides a high degree of environmental protection with maximum sealing. Common uses are in filling gaps and voids, recessed screw heads and vertical/overhead applications.



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



Thixoflex Gray® installed around static wick

TYPICAL PHYSICAL PROPERTIES

Injectables	Thixoflex® Orange	Thixoflex® Gray 1:1	Thixoflex® Gray 2:1
Part Number	TF2219	TG8498	TG2010
Color, properly mixed	Orange	Gray	Gray
Reaction Ratio - by volume	100 : 100	100 : 100	100 : 200
Specific Gravity, mixed, at 77°F/25°C (Calculated)	0.99 to 1.05	0.97 to 0.99	1.06 to 1.09
Viscosity, resin, Cps. at 77°F/25°C (ASTM D2556)	80000 to 180000	200000 to 500000	50000 to 135000
Viscosity, hardener, Cps. at 77°F (25°C) (ASTM D2556)	80000 to 180000	120000 to 300000	60000 to 170000
Working Life at 77°F (25°C)	< 3 minutes	< 3 minutes	< 4 minutes
Gel Time, 10 g Mass at 77°F (25°C) (ASTM D7997)	< 7 minutes	< 7 minutes	< 10 minutes
Shelf Life - in original packaging and stored above at 55°F (13°C)	Nine months	Nine months	Nine months
Storage Temperature	> 55°F (13°C)	> 55°F (13°C)	> 55°F (13°C)
Service Temperature Guide (RTCA DO-160G, Section 5, 2 cycles)	-85°F to 275°F (-65°C to 135°C)	-85°F to 275°F (-65°C to 135°C)	-85°F to 275°F (-65°C to 135°C)
Application Temperature	> 55°F (13°C)	> 55°F (13°C)	> 55°F (13°C)
Hardness, Shore "OO" at 77°F (25°C) @ 24 hrs (ASTM D2240)	> 55	> 60	> 50
Dielectric Strength (ASTM D149 Method A)	> 375 V/mil	> 400 V/mil	> 400 V/mil
Tensile Strength (ASTM D412)	> 80 PSI	> 60 PSI	> 190 PSI
Elongation (ASTM D412)	> 140%	> 140%	> 30%
SDS	SDS information can be requested at info@avdec.com		

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—Av-DEC PROPRIETARY—

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