

Designed for areas in contact with aircraft fuel, lubricants

0148 is a grey, one-component, polysulfide adhesive specifically designed for staking and bonding applications on integral fuel tanks and pressurized cabins. This product can also be used in any area where contact with aircraft fuel, lubricants, oil, water, and weather is common and resistance to those environments is required. 0148 is certified to AMS-S-8802, Type 2, Class B-2 and HMS 16-1985, Compound IV, Class 2 specifications and can be cured at either room or elevated temperatures. This material will bond well to most substrates such as metals (including aluminum, magnesium, titanium, and steel), glass, ceramics, and most plastics and is offered in very user-friendly packaging.

UNCURED	
Pot Life	2 hours
Viscosity	Paste
Shelf Life	6 months @ < -40°C
CURE OPTIONS	4 hours @ 74°C 16 hours @ 66°C 72 hours @ 25°C
CURED PROPERTIES	Based on cure of 4 hours @ 74°C
Color	Grey
Shore A Hardness	51
Lap Shear 2024T3 Clad (psi)	450
Density (g/cc)	1.6
% Shrinkage Linear	0.3
ELECTRICAL PROPERTIES	Based on cure of 4 hours @ 74°C
Volume Resistivity (ohm-cm)	2.6E 10 @ 500 VDC
THERMAL PROPERTIES	Based on cure of 4 hours @ 74°C
Glass Transition Temp (°C)	-50
Degradation Temp. (°C)	250

KEY FEATURES

AMS-S-8802, Type 2, Class B-2

Bonds Well to Most Substrates

HMS 16-1985, Compound IV, Class 2

Resistant to Fuel, Lubricants, Water and Weather

Room or Elevated Temperature Cure

User-friendly Packaging

Chat with a specialist:

service@appli-tec.com

603-685-0500 ext. 526

www.appli-tec.com

7 Industrial Way, Unit 1, Salem, NH 03079

The data contained herein is provided for informational purposes only and are believed to be reliable. APPLI-TEC does not guarantee suitability of this product for any resultant application or freedom from patent infringement. Furthermore, APPLI-TEC disclaims any liability for incidental and consequential damages of any kind including but not limited to lost profits.

Rev G

1-19-24