APPLI-TEC
THERMOSET ADHESIVE SOLUTIONS
ISO 9001 / AS9100 CERTIFIED

Appli-Thane® 7135

A controlled flow version of Appli-Thane 7125

With a Shore A hardness of 70, the soft material provides resistance to vibration as well as low shrinkage for minimal stress on components during cure. The material passes NASA's outgassing requirements and provides strain relief for many bonding applications where high thermal conductivity isn't required.

UNCURED	
Work Life	45 minutes @ 25°C
Viscosity Mixed @ 25°C	10,000 cPs
Thixotropic Index	2.6
Shelf Life Unmixed @ RT	10 Months
Shelf Life Mixed @ -60°C	6 Months
Mix Ratio A:B	100:80 Parts By Weight
CURE OPTIONS	
24 hours @ 25°C	(handling)
1.5 hours @ 65°C	
7 days @ 25°C	(full properties)
CURED PROPERTIES	Based on cure of 1.5 hours @ 65°C
Color	Amber
Shore A Hardness	70
Glass Transition Temp (°C)	10
Density (g/cc)	1.07
Lap Shear 2024T3 Clad (psi)	700
Linear Shrinkage (%)	0.6
ELECTRICAL PROPERTIES	Based on cure of 1.5 hours @ 65°C
Volume Resistivity (ohm-cm)	1.4E+16 @ 500 VDC
Dielectric Strength (V/mil)	600
Dielectric Constant @ 1MHz	2.88
Dissipation Factor @ 1MHz	0.018
THERMAL PROPERTIES	Based on cure of 1.5 hours @ 65°C
Glass Transition Temp (°C)	10
Thermal Conductivity (W/mK)	0.2
Operating Temp. Range (°C)	-50°C to 125°C
OUTGASSING PROPERTIES	Based on cure of 1.5 hours @ 65°C
TML (%)	0.84
CVCM (%)	0.02
WVR (%)	0.08
ACOUSTIC PROPERTIES	

KEY FEATURES

- D.O.T. Non-Hazardous
- Transparent
- Flexible
- Controlled Flow
- Meets NASA Outgassing Requirements
- √ RoHS Compliant

Chat with a specialist:

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Velocity (m/s)	1,945
Impedance (MRayls)	2.078
Loss (dB/cm-MHz)	-6.5
Density (g/cc)	1.07