

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	6 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
OUTGASSING PROPERTIES Based on cure of 1.5 hours @ 65°C	
TML (%)	0.84
CVCM (%)	0.02
WVR (%)	0.08
ACOUSTIC PROPERTIES	
Velocity (m/s)	1,945

KEY FEATURES

D.O.T. Non-Hazardous

Transparent

Flexible

Controlled Flow

Meets NASA Outgassing Requirements

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 A

8/29/2023

Impedance (MRayls)	2.078
Loss (dB/cm-MHz)	-6.5
Density (g/cc)	1.07