



POLYONICS THERMOGARD®

XL-1501

1 mil Polyimide Laminate

Description: POLYONICS XL-1501 is a 1 mil polyimide film with a 1 mil permanent pressure sensitive acrylic adhesive. XL-1501 is clear amber in color.

USE: POLYONICS XL-1501 is designed to be used as an over-laminate or masking film. It is an ideal laminate to protect existing labels or components; however, since the adhesive is permanent it cannot be removed after application.

Properties	Test Method	Average Results	
		USA Units	SI Units
Thickness	ASTM D1000		
-Substrate		0.0018 inch	0.046 mm
-Adhesive		0.0018 inch	0.046 mm
-Total		0.0036 inch	0.092 mm
Adhesion	Polyonics 80313		
-Stainless Steel	20 minute dwell	≥ 27 oz/in	30N/100 mm
	24 hour dwell	≥ 30 oz/in	33N/100 mm
Tack	Polyonics 80155		
		> 1000g	
Temperature Rating:		-40 to 932°F (-40 to 500°C)	
Shelf Life		1 year below 80°F (27°C and 60% R.H.)	

All SI units are mathematically derived from U.S. conventional units.

NOTE: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by POLYONICS customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact POLYONICS for further information.

References:

ASTM: American Society for Testing and Materials (U.S.A.)

SI: International Systems of Units.



WARRANTY-LIMITATION

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