



POLYONICS

POLYONICS THERMOGARD®

XL-1502

2 mil Polyimide Laminate

Description: POLYONICS XL-1502 is a 2 mil polyimide film with a 2 mil permanent pressure sensitive acrylic adhesive. XL-1502 is clear amber in color.

USE: POLYONICS XL-1502 is designed to be used as an overlamine 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		0.0020 inch	0.050 mm
-Adhesive		0.0020 inch	0.050 mm
-Total		0.0040 inch	0.101 mm
Adhesion	Polyonics 80313		
Stainless Steel		≥ 35 oz/in	38N/100 mm
		≥ 40 oz/in	44N/100 mm
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. Adhesion and tack values have a 10% tolerance allotted to the above stated values. 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

Polyonics' products are sold with the understanding that the Buyer will test them in actual use and determine for him/herself their adaptability to his/her intended uses. Polyonics warrants to the buyer that its products are free from defects in material and workmanship, but limits its obligations under this warranty to replacement of the products shown to Polyonics' satisfaction to have been defective, provided that the Buyer has complied with the handling, storage and shelf life requirements as specified by Polyonics in applicable materials specifications.

The above warranties extend solely to Buyer and all warranty claims must be made by the Buyer. Rework or Replacement shall neither exceed nor decrease the original warranty period. The term of all warranty periods shall not exceed thirty (30) days from the date of the original shipment.

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