



HYSOL®PH0001

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PRODUCT DESCRIPTION

Hysol® PH0001 is a premixed and frozen epoxy adhesive designed for bonding a variety of materials. It is a thixotropic material and will hold its shape during cure (will not flow or wick). PH0001 cures at room temperature to form strong bonds to most plastics, metals and glass.

TYPICAL APPLICATIONS

Thixotropic Adhesive

PROPERTIES OF UNCURED MATERIAL

Color	Translucent Amber
Viscosity	Thixotropic Paste
Shelf Life @-40°C, (-40°F), months	3

PHYSICAL PROPERTIES, CURED MATERIAL

Coefficient of Linear Thermal Expansion, ppm/°C	70
Hardness, Shore D	77
Linear Shrinkage, %	0.67
Tensile Shear Strength, psi	
@ -50°C	2600
@ 25°C	1950
@ 83°C	400
Water Absorption, (24 hr immersion), %	0.32
Refractive Index	1.53
Volume Resistivity, ohm-cm	1.0×10^{14}

Handling

Pot Life @ 25°C, (ITM10T)	1 hour
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Frozen storage at -40°C or lower is required for maximum shelf life. Frozen packages must be completely thawed before use. Allow material to reach room temperature before use (approximately 30 minutes).

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or their strong oxidizing materials

Cure Schedule

Recommended Cure	24-48 hours @ Room Temperature or 2 hours @ 60°C
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Use suggested cure schedules as general guidelines; other cure schedules may yield satisfactory results.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to

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Loctite Electronics

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