



U.S. Corporate Headquarters  
400 Valley Rd.  
Warrington, PA 18976  
1(800) 523-2575 / (215) 343-6484  
1(800)343-3291 fax  
info@polysciences.com

Polysciences Europe GmbH  
Handelsstrasse 3  
D-69214 Eppelheim, Germany  
+(49) 6221-765767  
+(49) 6221-764620 fax  
info@polysciences.de

Polysciences Asia-Pacific, Inc.  
2F-1, 207 Tunhwa N. Rd.  
Taipei, Taiwan 10595  
(886) 2 8712 0600  
(886) 2 8712 2677 fax  
info@polysciences.tw

## TECHNICAL DATA SHEET 690

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# HV102 A & B

## Silicone Pressure Sensitive Adhesive

### DESCRIPTION

**HV102 A&B** is a Silicone based pressure sensitive adhesive. The product has many advantages over other types of pressure sensitive adhesives. These include a wider service temperature range of use, good environmental stability and good adhesion to low energy surfaces. The inertness of the cured Silicone polymer makes it especially useful for medical and electronic applications.

### PRODUCT FEATURES

- Excellent Versatile Adhesive
- Aggressive Surface Tack
- Very Tough, Elastomeric Cure
- Bonds well to many low energy materials
- Wide Temperature Use Range
- Clear and Colorless
- Easy to Use 1:1 Mix Ratio

### TYPICAL UNCURED PROPERTIES

Values Approximate

	HV100A	HV100B	HV100A&B
<b>Color</b>	Clear, Colorless	Clear, Colorless	Clear, Colorless
<b>Viscosity</b>	35,000 cps	35,000 cps	35,000 cps
<b>Specific Gravity</b>	1.0	1.0	1.0

### USAGE

Mix Ratio

	Part A	Part B
<b>By Weight</b>	100	100
<b>By Volume</b>	100	100

### CURE CYCLE

@25°C	Gel time 1 hour Cure time 8 hours
@65°C	Gel time 10 minutes Cure time 30 minutes

### TYPICAL CURED PROPERTIES

Values Approximate

<b>Appearance</b>	Clear, Colorless
<b>Durometer</b>	825A
<b>Temperature Range of Use</b>	-80°C through 200°C
<b>Cured Surface</b>	Aggressive Tack

### APPLICATION

**HV102 A&B** is best applied through a 2 component dual syringe and dispensed through a static mixer. This eliminates the need to proportion and hand mix material.

### STORAGE AND HANDLING

**Shipping:** Recommended temperature

**Storage:** Store at 25°C for up to 6 months

#### North America (United States)

1 (800) 523-2575 / (215) 343-6484

1 (800) 343-3291 / (215) 343-0214 fax

#### Europe (Germany)

(49) 6221-765767 / (49) 6221-764620 fax

#### Asia-Pacific (Taiwan)

(886) 2 8712 0600 / (886) 2 8712 2677 fax

Online anytime at: [polysciences.com](http://polysciences.com)