

# HPA2005

## PTFE-GLASS TAPE

HPP Performance HPPSTIK HPA2005 is fiberglass fabric impregnated with PTFE (polytetrafluoroethylene) dispersion and coated with high-temperature, pressure-sensitive silicone adhesive.

Hi-Performance Products, Inc.  
1231 Puerta Del Sol; Unit 400  
San Clemente CA 92673  
Customer Service: (949) 366-6088

[www.ptfglass.com](http://www.ptfglass.com)

### Typical Properties

Product Number	HPA2005
Backing Material	PTFE-Coated Fiberglass Fabric
Adhesive Type	Silicone
Total Thickness (in.)	.0550
Backing Thickness (in.)	.0030
Adhesive Thickness (in.)	.0025
Adhesion to Steel (oz./in.)	50
Tensile Strength (lbs./in.)	90
Elongation (% at break)	<5
Operating Temperature (°F)	-100 to 500
Color	Natural

Values shown are typical. Certified test reports for writing specifications are available.

**Applications—HPP Performance**  
HPA2005 is frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of HPA2005 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties of HPA2005 allow it to perform as an excellent release surface in the composite aircraft industry.

**Features/Benefits—HPA2005** is a very durable and versatile product. The combination of PTFE, fiberglass and a high temperature silicone adhesive allows HPA2005 to perform in continuous temperatures up to 500°F. HPA2005 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads.

**Availability—HPA2005** is available in widths from 1/4" to 36" wide. Standard roll length is 18 or 36 yards long. HPA2005 is available with or without a liner.

**Limited Warranty:** For a period of 6 months from the date of first sale, High Performance Products warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s).  
Hi-Performance Products, Inc.  
DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

**NOTE:** HPP Performance Products does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.