

Premium HP05

GLASS-PTFE

HPP Performance HPPSTIK Premium HP05 is fiberglass fabric impregnated with PTFE (polytetrafluoroethylene) dispersion and coated with high-temperature, pressure-sensitive silicone adhesive.

Typical Properties

Product Number	HP05-03	HP05-05	HP05-06	HP05-10	HP05-14
Backing Material	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric
Adhesive Type	Super Stick Silicone	Super Stick Silicone	Super Stick Silicone	Super Stick Silicone	Super Stick Silicone
Total Thickness (in.)	.0047	.0067	.0077	.0117	.0157
Backing Thickness (in.)	.0030	.0050	.0060	.0100	.0140
Adhesive Thickness (in.)	.0017	.0017	.0017	.0017	.0017
Adhesion to Steel (oz./in.)	45	55	55	60	65
Elongation (% at break)	<5	<5	<5	<5	<5
Operating Temperature (°F)	-100 to 500	-100 to 500	-100 to 500	-100 to 500	-100 to 500
Color	Brown	Brown	Brown	Brown	Brown

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

Applications— HPP Performance

Premium HP05 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 HP05 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties of HP05 allow it to perform as an excellent release surface in the composite aircraft industry.

Features/Benefits—HP05 is a very durable and versatile product. The combination of PTFE, fiberglass and a high temperature silicone adhesive allows HP05 to perform in continuous

temperatures up to 500°F. HP05 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not "cold flow" under heavy loads.

Availability—HP05 is available in 3, 5, 6, 10 and 14 mil thicknesses and widths from 1/4" to 39" wide. Standard roll length is 18 or 36 yards long. HP05 is available with or without a liner.

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

www.ptfeglass.com

Limited Warranty:

For a period of 6 months from the date of first sale, Hi-Performance Products, Inc. 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, Inc. 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.