

Primary HP23

GLASS-PTFE

HPP Performance HPPSTIK Primary HP23 is fiberglass fabric impregnated with PTFE (polytetrafluoroethylene) dispersion and coated with high-temperature, pressure-sensitive acrylic adhesive.

Hi-Performance Products, Inc.
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Typical Properties

Product Number	HP23-03	HP23-05	HP23-06	HP23-10
Backing Material	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric	PTFE-Coated Fiberglass Fabric
Adhesive Type	Acrylic	Acrylic	Acrylic	Acrylic
Total Thickness (in.)	.0050	.0070	.0080	.0113
Backing Thickness (in.)	.0030	.0050	.0060	.0090
Adhesive Thickness (in.)	.0020	.0020	.0020	.0023
Adhesion to Steel (oz./in.)	60	70	75	70
Elongation (% at break)	<5	<5	<5	<5
Operating Temperature (°F)	-40 to 350	-40 to 350	-40 to 350	-40 to 350
Color	Natural	Natural	Natural	Natural

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

Applications—HPP Performance

Primary HP23 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 HP23 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties of HP23 allow it to perform as an excellent release surface in the composite aircraft industry.

Features/Benefits—HP23 is a very durable and versatile product. The combination of PTFE, fiberglass and a high temperature acrylic adhesive allows HP23 to perform in continuous temperatures up to 350°F. HP23 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not "cold flow" under heavy loads.

Availability—HP23 is available in 3,5,6, and 10 mil thicknesses and widths from 1/4" to 39" wide. Standard roll length is 18 or 36 yards long. HP23 is available with or without a liner.

www.ptfglass.com

Limited Warranty:

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