

Industrial HP33

GLASS-PTFE

HPP Performance HPPSTIK Industrial HP33 is fiberglass fabric impregnated with PTFE (polytetrafluoroethylene) dispersion and coated with high-temperature, pressure-sensitive acrylic adhesive.

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Typical Properties

www.ptfeglass.com

Product Number	HP33-03	HP33-05	HP33-06	HP33-10
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	.0103
Backing Thickness (in.)	.0030	.0050	.0060	.0080
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

Industrial HP33 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 HP33 also make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties of HP33 allow it to perform as an excellent release surface in the composite aircraft industry.

Features/Benefits—HP33 is a very durable and versatile product. The combination of PTFE, fiberglass and a high temperature acrylic adhesive allows HP33 to perform in continuous temperatures up to 350°F. HP33 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads.

Availability—HP33 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. HP33 is available with or without a liner.

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