

# HP27042 FILM-PTFE (SKIVED)

HPP Performance HPPSTIK HP27042 is manufactured from skived PTFE (polytetrafluoroethylene) film coated with high-temperature acrylic adhesive.

Hi-Performance Products, Inc.  
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## Typical Properties

Product Number	HP27042-2	HP27042-3	HP27042-5	HP27042-10
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Acrylic	Acrylic	Acrylic	Acrylic
Total Thickness (in.)	.0035	.0045	.0065	.0115
Backing Thickness (in.)	.0020	.0030	.0050	.0100
Adhesive Thickness (in.)	.0015	.0015	.0015	.0015
Adhesion to Steel (oz./in.)	25	30	35	55
Tensile Strength (lbs./in.)	15	20	30	55
Dielectric Strength (volts)	7000	10000	13500	19000
Elongation (% at break)	300	375	400	450
Operating Temperature (°F)	-100 to 250	-100 to 250	-100 to 250	-100 to 250
Color	Gray	Gray	Gray	Gray

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

**Applications—HPP Performance**  
HP27042 is often used as an excellent release surface on packaging equipment and heat sealing machines, roll coverings on plastic extruders , Rolls can be slit 1/2" wide through 11 (HP27042-2),

**Features/Benefits—**One side of HP27042 has a acrylic pressure sensitive adhesive and the other side offers low coefficient of friction PTFE film, which is thin and conformable. PTFE backing offers excellent high temperature resistance and is chemically inert.HP27042's tape construction is stable and non-toxic.

**Availability—**HP27042 is available in 2,3,5 and 10 mil thickness. Factory stock for HP27042 is in master roll form 36 yards by 11" for HP27042-2,36 yards by 17" for HP27042-3,and 36 yards by 23" for HP27042-5 and 10.

17 (HP27042-3) and 23 (HP27042-5 and HP27042-10) inches, respectively.HP27042 is available with and without a liner.

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

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