

# HP27045

## FILM-PTFE (SKIVED)

HPP Performance Plastics HPPSTIK HP27045 is manufactured from skived PTFE (polytetrafluoroethylene) film coated with high-temperature silicone adhesive.

High Performance Products  
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### Typical Properties

Product Number	HP27045-2	HP27045-3	HP27045-5	HP27045-10
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Silicone	Silicone	Silicone	Silicone
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.)	30	35	40	50
Tensile Strength (lbs./in.)	15	20	30	60
Dielectric Strength (volts)	7500	9500	13000	19500
Elongation (% at break)	325	350	400	450
Operating Temperature (°F)	-100 to 500	-100 to 500	-100 to 500	-100 to 500
Color	Gray	Gray	Gray	Gray

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

**Applications**—HPP Performance Plastics HP27045 is often used as an excellent release surface on packaging equipment and heat sealing machines, roll coverings on plastic extruders, guide rails, and angle bars in the graphic arts industry.

**Features/Benefits**—One side of HP27045 has a silicone 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. HP27045's tape construction is stable and non-toxic.

**Availability**—HP27045 is available in 2,3,5 and 10 mil thicknesses. Factory stock for HP27045 is in master roll form 36 yards by 11" for HP27045-2,36 yards by 17 inches for HP27045-3, and 36 yards by 23" for HP27045-5 and HP27045-10. Rolls can be slit 1/2" wide through 11 (HP27045-2), 17 (HP27045-3) and 23 (HP27045-5 and HP27045-10) inches, respectively. HP27045 is available with and without a liner.

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

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