

HPT Series FILM-PTFE (SKIVED)

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

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Typical Properties

Product	HPTV350	HPT	HPTV	HPTH
Backing Material	Film-PTFE	Film-PTFE	Film-PTFE	Film-PTFE
Adhesive Type	Silicone	Silicone	Silicone	Silicone
Total Thickness (in.)	.0035	.0060	.0065	.0125
Backing Thickness (in.)	.002	.0030	.0050	.0100
Adhesive Thickness (in.)	.0015	.0030	.0015	.0025
Adhesion to Steel (oz./in.)	25	30	30	35
Tensile Strength (lbs./in.)	15	25	35	60
Dielectric Strength (volts)	7800	10000	13000	18000
Direct Electrolytic Corr.	1.0	1.0	1.0	1.0
Elongation (% at break)	250	275	275	300
Operating Temperature (°F)	-100 to 500	-100 to 500	-100 to 500	-100 to 500
Color	White	White	White	White

www.ptfeglass.com

Limited Warranty: For a period of 6 months from the date of first sale, High Performance Products 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). High Performance Products DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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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.

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

Applications—HPT, HPTH, HPTV and are 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 HPT, HPTH, HPTV and HPTV350 have 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. HPT, HPTH, HPTV and HPTV350's tape construction is weather resistant, stable and non-toxic. HPT can be ordered to meet the requirements of MIL-I-23594C Type 1, Class 2;

HPTV—Type 1, Class 4; HPTV350—Type 1, Class 1.

Availability—Factory stock for HPT and HPTV350 are in master log form 36 yards long x 19" wide. Rolls can be slit 1/2" wide to 19" wide. HPTV and HPTH are in master log form 18 yards long x 32" wide. Rolls can be slit 1/2" wide to 32" wide. For slit rolls under 1/2" wide HPP Performance Plastics recommends 18 yard long rolls only. They are available with or without a liner.

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