

2042

FILM-PTFE (SKIVED)

Saint-Gobain Performance Plastics CHR® 2042 is manufactured from skived PTFE (polytetrafluoroethylene) film coated with high-temperature acrylic adhesive.

Typical Properties

Product Number	2042-2	2042-3	2042-5	2042-10
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—Saint-Gobain Performance Plastics 2042 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 2042 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. 2042's tape construction is stable and non-toxic.

Availability—2042 is available in 2, 3, 5 and 10 mil thicknesses. Factory stock for 2042 is in master roll form 36 yards by 11" for 2042-2, 36 yards by 17" for 2042-3, and 36 yards by 23" for 2042-5 and 2042-10. Rolls can be slit 1/2" wide through 11 (2042-2), 17 (2042-3) and 23 (2042-5 and 2042-10) inches, respectively. 2042 is available with and without a liner.

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