

2045 FILM-PTFE (SKIVED)

Saint-Gobain Performance Plastics CHR® 2045 is manufactured from skived PTFE (polytetrafluoroethylene) film coated with high-temperature silicone adhesive.

Typical Properties

Product Number	2045-2	2045-3	2045-5	2045-10
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—Saint-Gobain Performance Plastics 2045 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 2045 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. 2045's tape construction is stable and non-toxic.

Availability—2045 is available in 2, 3, 5 and 10 mil thicknesses. Factory stock for 2045 is in master roll form 36 yards by 11" for 2045-2, 36 yards by 17 inches for 2045-3, and 36 yards by 23" for 2045-5 and 2045-10. Rolls can be slit 1/2" wide through 11 (2045-2), 17 (2045-3) and 23 (2045-5 and 2045-10) inches, respectively. 2045 is available with and without a liner.

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation 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). SAINT-GOBAIN PERFORMANCE PLASTICS 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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