

06004/06005

GLASS-FOIL

Saint-Gobain Performance Plastics CHR® 06004 and 06005 are manufactured from a laminate of aluminum foil and silicone adhesive impregnated fiberglass cloth.

Typical Properties

Product Number	06004	06005
Backing Material	Glass-Foil	Glass-Foil
Adhesive Type	Silicone	Silicone
Total Thickness (in.)	.0080	.0080
Backing Thickness (in.)	.0025	.0025
Foil Thickness (in.)	.0020	.0020
Adhesive Thickness (in.)	.0035	.0035
Adhesion to Steel (oz./in.)	60	70
Adhesion to Aluminum (oz./in.)	60	70
Tensile Strength (lbs./in.)	155	150
Elongation (% at break)	—	7
Operating Temperature (°F)	-100 to 500	-100 to 500
Color	Aluminum	Aluminum

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

Applications—Saint-Gobain Performance Plastics 06004 is used in applications where high temperatures and/or abrasion are issues. A 06004 is used to mask parts during thermal spray applications, and because of the abrasion resistance of the aluminum foil, is effective when used in the HVOF process.

Features/Benefits—06004 offers excellent abrasion resistance and is very conformable. The specially formulated silicone adhesive system provides an excellent bond to the part being masked and holds the tape firmly in place throughout the entire spraying process. It also removes cleanly reducing cleaning of the part.

Availability—06004 is available in roll form and is supplied on a 3" ID core. Standard roll length is 36 yards. Widths available are 1/4"-36".

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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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