

SGG5-06R

PTFE-FILM LAMINATED FABRIC TAPE

Saint-Gobain Performance Plastics CHR® CHEMLAM® SGG5-06R tape is manufactured from multi-layer fluoropolymer cast films laminated to fiberglass reinforced fabrics, coated one side with a high performance, silicone pressure-sensitive adhesive for use in the most demanding high temperature environments.

SGG5-06R is particularly well suited to applications in PVC welding where significantly extended lifetimes over conventionally coated fabrics can be expected.

Typical Properties

| Product Number | SGG5-06R |
|-----------------------------------|-------------|
| Base Thickness (in.) | 0.0063 |
| Adhesive Thickness (in.) | .002 |
| Base PTFE-Fabric Weight (oz./yd.) | 9.59 |
| Adhesive Type | Silicone |
| Peel Adhesion (oz./in.) | 49 |
| Operating Temperature (°F) | -100 to 500 |
| Standard Widths (in.) | 39.4 |

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

Applications—Saint-Gobain Performance Plastics SGG5-06R is frequently used as a disposable release surface by the packaging industry on heat sealers, by the fenestration industry on corner welding machines, and by the textile industry as a can cover for rebound foam-film reinforcement laminating. The durability and anti-stick properties make it an ideal material for the most extreme high temperature and high volume environments.

Features/Benefits—SGG5-06R has a modified hardened surface to resist the abrasions and punctures so prevalent in extreme industries, and adhesion promoters that enhance the ability of

the PTFE to stick to both bare glass and subsequent layers of PTFE. SGG5-06R also features two laminated layers of film on the top and bottom, which enable it to outperform traditional coated fabrics of thicknesses up to 14 mils. High temperature, pure phenyl silicone adhesive outlasts the most popular low-cost methyl silicones used in disposable applications.

Availability—SGG5-06R is available only in a 6+ mil thickness (currently) and slit rolls from 1/2" wide to 39.4" wide. Standard roll length is 18 or 36 yards long. SGG5-06R is currently available only with a liner.

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.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the 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.

Feature/Benefits

- Hardened PTFE surface: durability and long life
- Cast film technology: assures pinhole-free surface to prevent molten PVC from sticking
- Thickened core: more stable, puncture resistant
- 6+ mils total thickness: more for your fenestration dollar
- Adhesion promotion passes: resists product delamination and fiberglass fracture under extreme loads
- Phenyl silicone adhesive: highest temperature resistant adhesive known
- Clear PET film liner with engineered release coating: no more fumbling with a liner that won't release

Saint-Gobain Performance Plastics Corporation
14 McCaffrey Street
Hoosick Falls, NY 12090
Customer Service: (800) 962-2666
Tel: (518) 686-7301
Fax: (800) 526-8479, (518) 686-4840

www.fff.saint-gobain.com

CHR® and CHEMLAM® is a registered trademark
©2005 Saint-Gobain Performance Plastics Corporation
AFF-1420-PDF-0805-SGCS