

CHR® Pressure Sensitive Adhesive Tapes



Saint-Gobain Performance Plastics CHR® brand pressure sensitive adhesive tapes constructed of fiberglass fabric impregnated with pure polytetrafluoroethylene (PTFE) coated with adhesive provide superior non-stick surfaces, allowing your equipment to work smoothly and more efficiently. The Saint-Gobain Series has been designed to meet the tough requirements demanded by the packaging industry: high speed durability, long life at high temperature.

Premium Grade: SG03, SG05, SG06

The ultimate in quality... Premium grade is constructed from plied yarns of fiberglass, affording more strength and greater absorption of the impact created by the high speed cycling of packaging equipment. Excellent choice for use with form-fill-seal equipment, PVC welding of vinyl windows or non-stick surface applications in the composite aircraft industry.

High Performance Grade: SG13, SG15, SG16

The ultimate in smoothness... High Performance grade is constructed with single yarns, but impregnated and coated with PTFE to premium weight standards (sometimes known as Super-Smooth). Superior choices for release applications where surface imperfections are an issue.

Primary Grade: SG23, SG25, SG26

The first choice in packaging... Primary grade is the most popular construction sold for heat sealing applications. It combines a standard weight of PTFE with just the right fiberglass fabric, offering an economical package for a variety of heat sealing needs.

Industrial Grade: SG33, SG35, SG36

The versatile performer... Industrial grade is excellent for those accessory applications in packaging, such as chute lining, sliders, guide rails, cover tapes, etc. This dimensionally stable product resists tears, punctures, abrasion and wear. It will not cold-flow under heavy loads.

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Heat Sealing Tapes

Features/Benefits

- Wide variety of qualities to choose from:
 - Premium Industrial
 - High Performance CHEMLAM®
 - Primary
- Wide variety of thicknesses to choose from: 3, 5, 6, 10 and 14 mils
- Super smooth and anti-static versions
- High temperature Super Stick Silicone (SSS) and Clean Release Silicone (CRS) formulations, as well as Acrylic (ACR) adhesives
- Superior durability



Plastic bag seamed and sealed by VFFS machinery

CHR tapes are widely used on L-bar sealers, jaws, drawers, irons and form-fill-seal machinery. These products can be used to seal cellophane, polyethylene, polypropylene, wax paper, foils and other laminated packaging materials.

Saint-Gobain tapes offer superior constructed substrates of pure PTFE and fiberglass coated with premium adhesives formulated for operating at high temperature. Also, lower temperature acrylic adhesive is available for those applications where just non-stick or anti-friction is required.

CHEMLAM®: SGB6, SGC6

The ultimate performer...Constructed from lightly PTFE coated glass laminated to our standard brown CHEMFILM® (SGB5-04, 06, 10) and special copper CHEMFILM (SGC5-04, 06, 10), these tapes offer up to 30% greater life in application compared to multi-dipped fabric due to uniform thickness and pin hole-free PTFE film as the sealing surface .

Anti-Static Grade: SG55, SG56

The static eliminator... Anti-Static Grade tapes are designed to dissipate energy build-up in application. Not truly conductive (adhesive is not conductive grade), surface coating containing conductive fillers draws off static created by films during heat sealing operations.

Zone Tape: 2819, 2829

Only put adhesive where you need it... when covering hot wire sealer/cutters keep adhesive out of the way with Zone Tape made with acrylic transfer adhesive (2829) or bonded to high-temperature masking tape (2819).

A2005 and 280-6

Single specialty item A2005 is a Premium grade natural colored tape, not brown in color like the Premium series. 280-6 is Saint-Gobain's "Roll Cover Tape."

CHR® Tapes — Typical Physical Properties — Heat Sealing Tapes

Part Number	Description Grade—Available Thickness	Adhesive Type	Operating Temperature
SG03	Premium — 3, 5, 6, 10, 14 mil	Acrylic	-40 to 350°F
SG05	Premium — 3, 5, 6, 10, 14 mil	Super Stick Silicone	-100 to 500°F
SG06	Premium — 3, 5, 6, 10, 14 mil	Clean Release Silicone	-100 to 500°F
SG13	High Performance — 3, 5, 6, 10, 14 mil	Acrylic	-40 to 350°F
SG15	High Performance — 3, 5, 6, 10, 14 mil	Super Stick Silicone	-100 to 500°F
SG16	High Performance — 3, 5, 6, 10, 14 mil	Clean Release Silicone	-100 to 500°F
SG23	Primary — 3, 5, 6, 10 mil	Acrylic	-40 to 350°F
SG25	Primary — 3, 5, 6, 10 mil	Super Stick Silicone	-100 to 500°F
SG26	Primary — 3, 5, 6, 10 mil	Clean Release Silicone	-100 to 500°F
SG33	Industrial — 3, 5, 6, 10 mil	Acrylic	-40 to 350°F
SG35	Industrial — 3, 5, 6, 10 mil	Super Stick Silicone	-100 to 500°F
SG36	Industrial — 3, 5, 6, 10 mil	Clean Release Silicone	-100 to 500°F
SG55	Anti-Static — 3 and 6 mil	Super Stick Silicone	-100 to 500°F
SG56	Anti-Static — 3 and 6 mil	Clean Release Silicone	-100 to 500°F
SGB6	CHEMLAM® Brown — 4, 6 10 mil	Clean Release Silicone	-100 to 500°F
SGC6	CHEMLAM® Copper — 4, 6, 10 mil	Clean Release Silicone	-100 to 500°F
A2005	Natural Premium — 3 mil	Super Stick Silicone	-100 to 500°F
280-6	Roll Cover — 6 mil	Super Stick Silicone	-100 to 500°F

Important note to purchaser: Values shown are typical and are not to be used for specifications. All data is subject to change without notice. Before using, the user should determine the suitability of the product for its intended use, and the user assumes all risk and liability in connection therewith. Specifications are also subject to change without notice.

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