

CHR® Pressure-Sensitive Adhesive Tapes

Premium Grade

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 and non-stick surface applications in the composite aircraft industry.

High Performance Grade

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

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

The versatile performer. Industrial grade is excellent for accessory applications

in packaging, such as chute linings, sliders, guide rails, cover tapes, etc. This dimensionally stable product resists tears, punctures, abrasion and wear. It will not cold-flow under heavy loads.

CHEMLAM®

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 the use of pin hole-free PTFE film as the sealing surface.

Anti-Static Grade

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

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).

Plastic Heat Sealing

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



SG Series tapes and CF Series fabrics



Plastic bags seamed and sealed by VFFS machinery

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

CHR® Pressure Sensitive Adhesive Tapes — Plastic Heat Sealing

Part Number	Substrate Grade	Total Thickness mil (mm)	Adhesion to Steel oz./in. (g/cm)	Adhesive Type	Operating Temperature °F (°C)
SG05-03	Premium — FOOD/MEDICAL GRADE	4.7 (0.118)	45 (497)	Silicone	-100 to 500 (-73 to 260)
SG05-05	Premium — FOOD/MEDICAL GRADE	6.7 (0.170)	55 (606)	Silicone	-100 to 500 (-73 to 260)
SG05-10	Premium — FOOD/MEDICAL GRADE	11.7 (0.297)	60 (662)	Silicone	-100 to 500 (-73 to 260)
SG15-03	High Performance	5.3 (0.134)	50 (551)	Silicone	-100 to 500 (-73 to 260)
SG15-05	High Performance	7.3 (0.185)	60 (662)	Silicone	-100 to 500 (-73 to 260)
SG15-10	High Performance	12.5 (0.318)	80 (883)	Silicone	-100 to 500 (-73 to 260)
SG25-03	Primary	5.3 (0.134)	50 (551)	Silicone	-100 to 500 (-73 to 260)
SG25-05	Primary	7.3 (0.185)	60 (662)	Silicone	-100 to 500 (-73 to 260)
SG25-10	Primary	11.5 (0.293)	80 (883)	Silicone	-100 to 500 (-73 to 260)
SG23-03	Primary	5.0 (0.127)	60 (662)	Acrylic	-40 to 350 (-40 to 177)
SG23-05	Primary	8.0 (0.188)	70 (773)	Acrylic	-40 to 350 (-40 to 177)
SG23-10	Primary	11.3 (0.287)	70 (773)	Acrylic	-40 to 350 (-40 to 177)
SG36-03	Industrial	5.0 (0.127)	45 (497)	Silicone	-100 to 500 (-73 to 260)
SG36-05	Industrial	7.0 (0.178)	50 (551)	Silicone	-100 to 500 (-73 to 260)
SG36-10	Industrial	10.0 (0.254)	70 (773)	Silicone	-100 to 500 (-73 to 260)
SG55-03	Anti-Static	5.0 (0.127)	50 (551)	Silicone	-100 to 500 (-73 to 260)
SG55-05	Anti-Static	7.0 (0.178)	70 (773)	Silicone	-100 to 500 (-73 to 260)
SGB6-04	CHEMLAM® Brown	6.2 (0.157)	45 (497)	Silicone	-100 to 500 (-73 to 260)
SGB6-06	CHEMLAM® Brown	7.9 (0.201)	50 (551)	Silicone	-100 to 500 (-73 to 260)
SGB6-10	CHEMLAM® Brown	10.5 (0.267)	55 (606)	Silicone	-100 to 500 (-73 to 260)
SGC6-04	CHEMLAM® Copper	6.2 (0.157)	45 (497)	Silicone	-100 to 500 (-73 to 260)
SGC6-06	CHEMLAM® Copper	7.9 (0.201)	50 (551)	Silicone	-100 to 500 (-73 to 260)
SGC6-10	CHEMLAM® Copper	11.5 (0.292)	55 (606)	Silicone	-100 to 500 (-73 to 260)
A2005	Industrial	5.5 (0.139)	50 (551)	Silicone	-100 to 500 (-73 to 260)
280-6	Roll Covering	8.0 (0.203)	55 (606)	Silicone	-100 to 500 (-73 to 260)

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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