CHR®

A Saint-Gobain Brand

Saint-Gobain Performance Plastics Pressure-Sensitive Adhesive Tapes

SAINT-GOBAIN
PERFORMANCE PLASTICS

CHR® PSA Tape Products Capabilities

Tape conversion operator on crush-cut, rewind slitter

Coating Equipment

- Multiple horizontal coaters with reverse roll, gravure and knife-over heads
- Multiple vertical coaters with aqueous and solvent capacity
- Ultraviolet and thermal ovens, up to 78" wide
- Film, paper and fabric substrate-specific tensioned drives
- In-house coating formulation development and custom (proprietary) coating
- In-line corona, priming, release and web cleaning stations
- Core capacities of 3", 6" and 10"
- Roll diameter maximum of 32" and/or 2400 pounds
- Acrylic, rubber and silicone adhesives
- Various liner selections, including fluorosilicone, non-silicone and C2S

Converting Equipment

- Multiple rewind slitters up to 80", tolerances down to 1/16"
- Crush, shear and razor capacity
- Multiple automatic and manual lathes, tolerances down to 1/32"
- Multiple inspection and re-roll stations
- Plastic and cardboard cores, plain or logo printed
- Core capacities of 1", 1.5", 3" and 6"
- Specialty labeling and packaging to customer specifications
- Sheeting available

Environmental, Health and Safety Compliance

- 5-Star Diamond Safety Award winner from Saint-Gobain Corporation
- Title 9 air quality standards compliant
- T.U.R.A./E.P.C.R.A. and R.C.R.A. compliant
- Air source registration compliant
- RoHS compliant adhesive and additive formulations
- Low APFO compliant fluoropolymer formulations
- ISO certified

Plastic Heat Sealing

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.

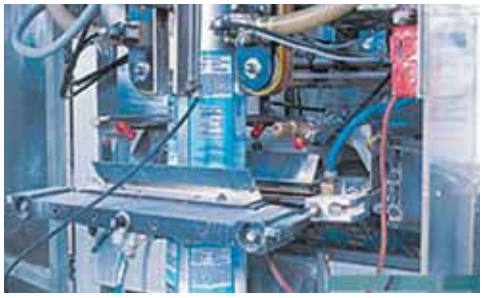
Anti-Static Grade

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.

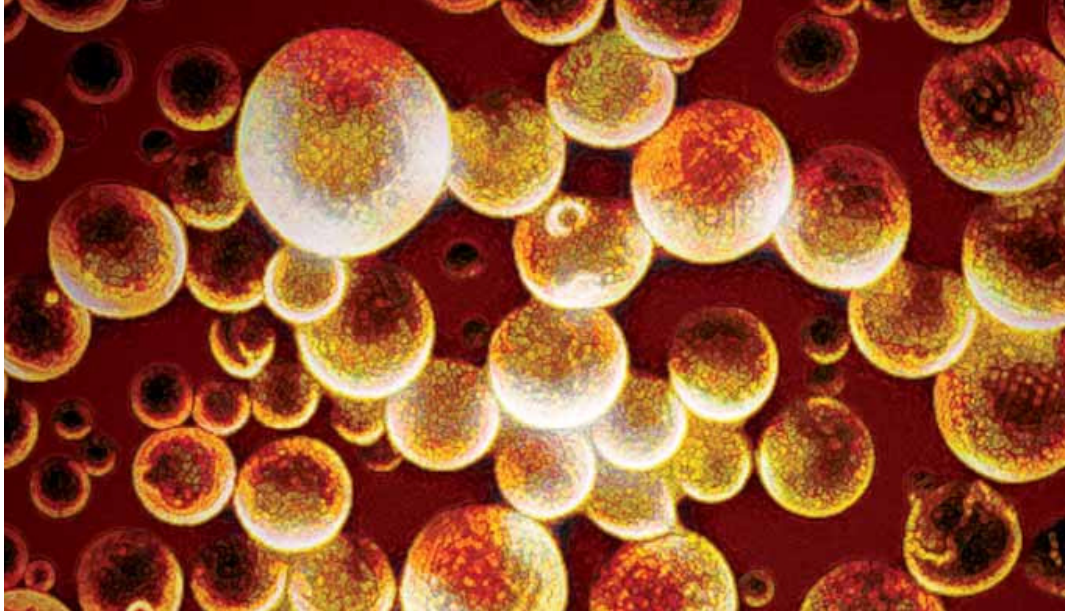
Zone Tape

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).

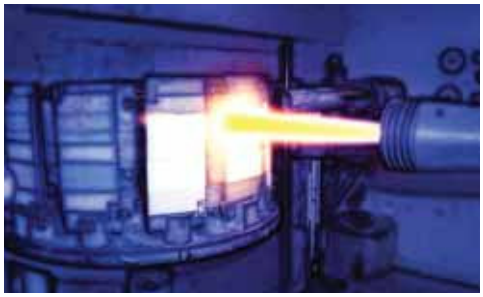
SG Series tapes and CF Series fabrics



Plastic bags seamed and sealed by VFFS machinery



Flame Spray Masking



HVOF

Plasma

Silicone Glass

These premium tapes are designed to withstand the most demanding plasma and flame spray, and grit-blasting applications. They are constructed of a silicone rubber and glass fabric composite and have excellent abrasion resistance.

Foil Glass

These tapes are an excellent choice for combining conformability with thermal and abrasion resistance. Consisting of aluminum foil (26020) or a thin aluminum foil laminated to a glass fabric (2925-7 and 6004), they perform well in a wide range of applications.

Heavy Duty Foil Glass

A heavy-duty version of 2925-7, the 2925-11 tape is constructed with .005" of foil for tough applications, including HVOF.

2995-11R is a high adhesion version of 2925-11, which has been used successfully in HVOF applications. An economical choice, 2915-7 is composed of a tightly woven, high tensile glass fabric, with silicone adhesive on one side. 2915-10 is a thicker version of 2915-7 for abrasion resistance.

Glass Fabric

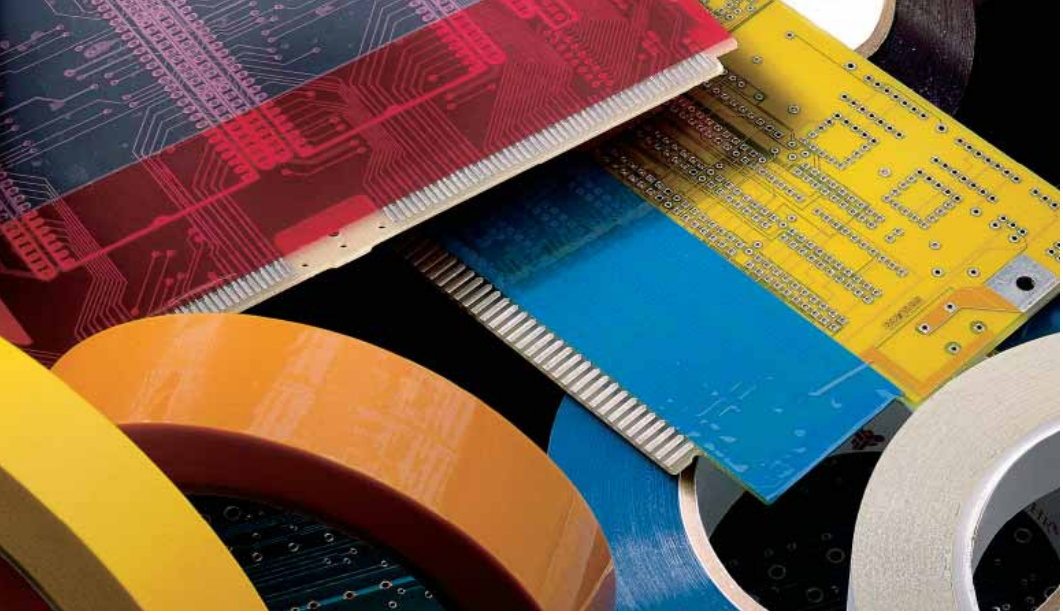
Versatile and reliable, these tapes perform superbly as a masking tape or, when used together with our premium tapes, as an underwrap. 2905-7R is a glass fabric tape coated with adhesive on both sides for superior bonding. 2905-10R is a thicker version of 2905-7R for greater strength.

Heavy Duty Multi-Plies

Exceptional abrasion resistance and adhesion properties make these tapes ideal for demanding applications, including HVOF. H7525 and H6595 are multi-layer tapes composed of silicone rubber, aluminum foil and fiberglass coated with an aggressive high temperature silicone adhesive. H7575 is a multi-layer tape composed of silicone rubber and glass cloth coated with an aggressive high temperature silicone adhesive.

Flame Spray Processes

- **Grit/Bead/Shot Blasting**
  is a pre-process step where abrasive materials are discharged at the target to strip/clean/prepare the surface to promote adhesion of various coatings.
- **Flame Spray and Thermal Spray**
  are generic terms for the various thermal processes for depositing ceramic, metal and plastic powders onto a variety of materials.
- **Plasma Spray**
  introduces powders into an electrical or combustion initiated high energy flame directed toward a variety of materials with the help of pressurized gas/air.
- **HVOF (High Velocity, Oxygen Fuel)**
  is a high velocity (550m/sec) process where fine powders are introduced into a stream of pressurized fuel and oxygen



Electronic Assembly and Fabrication

Conformal Coating Mask

M797 coating masking tape is specifically designed to mask off areas on the stuffed PC board. With a tight unwind created by ***no release*** back coating on the polyester film, coating flashing can be broken with a clean edge that requires no further re-work, reducing process time.

Fume Protection

M851 fume protection tape protects the circuitry from chemical splashes and fumes during gold tab plating operations. This cost-effective, low-adhesion tape has excellent chemical and high temperature resistance. M851 performs as a companion protection tape to the plate masking M717 tape during plating operations. M851 is available in green.

Solder Masking Over Bare Copper (SMOBC) Tape

M803 is used in combination with a pre-applied protective solder mask and provides full protection to the exposed holes in the board. M803 is applied at the plating line by either automated equipment or by hand, and serves as a failsafe line of demarcation at the connector tabs.

Area Masking

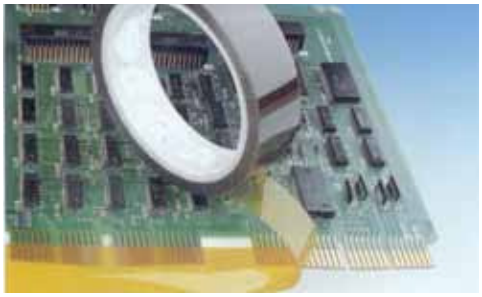
M734 and M788 are low-cost substitutes for dry film in multi-layer processing to protect copper. These tapes use natural rubber adhesives, which save as much as half the cost compared to silicone-based products. M788 is specially designed for thin core boards and flexible circuitry.

Hot Air Leveling (HAL)

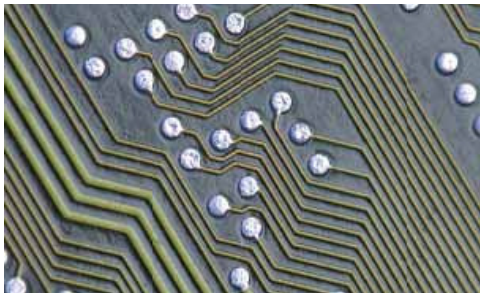
C663 is applied to mask gold fingers, tab areas, and other sections of printed circuit boards during the hot air leveling process. C663 adhesive is specially formulated to hold down and protect the gold fingers during rigorous HAL operations, yet remove cleanly from the board without splitting or leaving adhesive residue. Its thin construction reduces the damming at the solder/tape butt line and is a proven, effective mask in double wrap applications.

Anti-Static (HAL)

K-290ESD has excellent electrostatic discharge properties. The ESD additive reduces the electrostatic discharge that occurs upon tape removal. The proprietary adhesive system provides high electrostatic dissipation without sacrificing adhesive strength at extreme temperatures. K-290ESD is available with or without a liner.



Finger masking with polyimide tape



Wave soldered PC board

Aircraft/Aerospace Composite Bonding

GE aircraft engine series CF6-80

Plane paint masking

Anti-Chaff/Cut-Resistant Harness Wrap

SGK5-05 Kevlar®-PTFE tape protects wire harnesses and other critical engine components from abrasion and cut-through damage, and can also be used to repair such damage. Practical experience in weaving/manufacturing glass and aramid cloth and fabrication of protective/preventive systems for commercial and military transportation has enabled us to create a tape product that will stand up to the most challenging applications and deliver the high reliability so essential to the aircraft industry.

Flash Breaking

These specially designed rubber adhesive-polyester film tapes break the flash overage created during vacuum component bonding. Rubber adhesives conform intimately to a variety of surfaces and do not leave silicone oil residue, which saves time and money.

Paint Masking Foil

Chemical etching and caustic stripping solutions destroy expensive, sensitive polycarbonate windows; foil-based masking products provide the necessary masking and protection required in this demanding application. Critical components are protected and foil masking provides fine line service even during general painting operations.

Tool and Mold Masking

More and more A/A components are being made from composite bonded lay-ups. Non-stick, disposable surfaces created by PTFE films (2255 and HM) as well as PTFE coated fabrics (A2005) assure smooth and certain release from component molds and tools.

Electrical Insulation and Isolation

Film Insulation

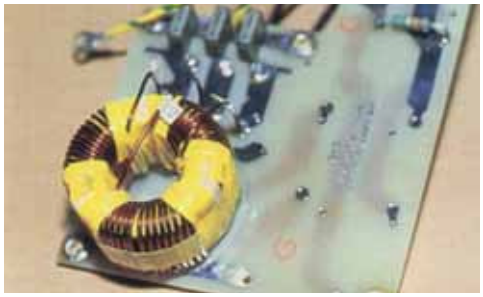
Polyester film tapes are produced from electrical grade strength, high quality, optically pure film with consistent, minimum dielectric resistance of 5kV for 1.0-mil, 7.0kV for 2.0-mil and 10kV for 5.0-mil tapes, regardless of adhesive type or insulation class.

Polyimide film tapes, made from thermally produced, oriented film, offer distinct advantages over polyester film:higher dielectric strength and higher temperature resistance. PI film of 1.0 mil offers 6.5kV, 2.0-mil film is rated at 10.0kV and 5.0-mil film delivers the ultimate one-wrap dielectrics of 17.0kV.

PTFE-based films provide economical resistive qualities and non-stick properties important in many wire and cable applications. Dielectric strength varies with media density, but generally 2.0-mil film offers 7.5kV, 3.0-mil film is rated at 10.0kV and 5.0-mil PTFE film delivers around 13.0kV of electrical resistance.

Fabric Insulation

Woven fiberglass cloth has traditionally been an excellent insulation material for harnesses and coil winding in motor assemblies. Available in a standard 7.0-mil-thick package and heavy duty grade at 10.0 mils, adhesive selection allows the user to bridge insulation classes from 130°C (rubber adhesive) to 200°C (silicone adhesive).



Coil outer wrap taping

Foil Isolation

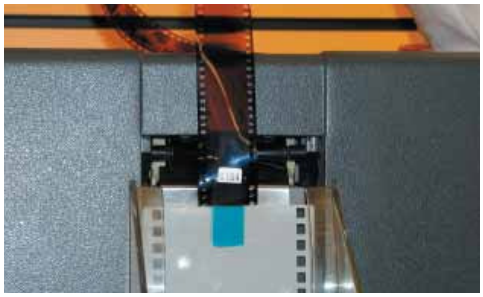
Both aluminum foil and copper foil make superior electromagnetic and radio frequency absorption and isolation media due to their natural conductivity, flexibility and malleability. Coated with adhesives to enhance conductivity and thermal management, these CHR tapes are frequently used in end connectors and shielded cabinets and devices.

EMI-RFI copper tape shielding

Temperature	Insulation Class	Material	Adhesive
130°C	B	PET, PI, Glass, PTFE	Rubber
155°C	F	PI, Glass, PTFE	Acrylic
180°C	H	PI, Glass, PTFE	Silicone
200°C	N	Glass	Silicone

UL Guide OANZ2, UL 510, file E51201 and E66639

Industrial Splicing and Seaming



Tape attachment to leader card for one-hour photo processing

G-476 textile splicing

M Series

"M" is for Mylar® a Dupont trademark for polyester film. M741-Blue, M751-Yellow, and M815-Clear are 1.0-mil clear films with pigmented adhesives designed to deliver medium tack. These tapes are an economical choice for graphic arts applications. M824-Dark Blue has a higher tack level for more demanding quick-grab applications. M823-Blue has a release coating on the tape's back side, for those splicing applications that require continuous, across the web release after seaming, and a removable liner.

M832-Dark Blue is highly recommended for "one-hour" photo splicing where a 2.0-mil backing provides sufficient stiffness for manual or auto-dispensing. M835-Dark Blue, with its 5.0-mil backing, is especially suited for critical applications where wet-out, high temperature strength and conformability are required.

SP Series

"SP"stands for splicing products originally made by our CC&L facility. SP150-3-Red is a 1.0-mil film with high tack adhesive for quick bonding and permanent applications. SP2150-SYL-Yellow and SP2150-SCL-Clear are 2.0-mil films designed for elevated temperature splices requiring excellent wet-out. The SP2150 series is self-wound.

Textile Splicing

G-476 is frequently used as a high temperature curing, splicing and laminating tape for fabric and foil. Designed specifically to splice non-woven glass mat consumed in asphalt shingle production, G-476 quick cycle adhesive thermosets tenaciously, affording permanent bonding to difficult-to-stick-to surfaces.

Features/Benefits

- Excellent initial quick stick
- Cost effective
- Allows for a continuous manufacturing process
- Reduces the telescoping of finished production rolls
- Highly conformable
- Easy to apply
- Available in long length rolls

Industrial Non-Stick

Rulon®

The abrasion resistant PTFE. Rulon offers superior (500X) wear resistance in rotating bearing tests, and its low coefficient of friction, high operating temperature (500°F) and self lubricating properties make this tape an excellent choice for liners, and chute and rail coverings.

Skived PTFE

The non-stick standard. T-Series film tapes are white in color with silicone adhesives and are well suited for packaging equipment and heat sealing applications, as well as graphic arts, electrical insulation and general purpose industrial use. 2042 comes with acrylic adhesive, 2045 with silicone; both are the traditional gray in color.

Skived, High-Modulus PTFE

The less stretch PTFE. High-modulus tapes have less elongation and greater tensile strength than plain skived PTFE tapes. 2253 (HM430) comes with acrylic adhesive and 2254/2255 (HM350/650) have silicone adhesives. These films exhibit outstanding dielectric, chemical, temperature, wear, anti-stick and non-toxic properties. All high-modulus tapes are the traditional gray/white in color.

Extruded, High-Modulus PTFE, Oriented, Extruded and High Modulus PTFE

The ultimate roller wrappers. Extruded high-modulus and especially oriented extruded PTFE films are the ultimate in durability, low stretch/high strength, high temperature, non-stick protection for lamination lay ups and roll-end wraps. 2275 and 2285 are popular in plastic extrusion to protect the exposed roll ends from molten plastic. Sometimes fabricated into belts, the release and stability properties are especially important on those long production runs.

Ultra High Molecular Weight Polyethylene

The tough, long lasting tape. Both 2302 (acrylic) and 2300 (rubber) adhesive coated UHMW film tapes offer extreme abrasion resistance, low friction and non-stick performance at lower temperatures (225°F limit) compared to PTFE. Excellent choice for sliders, rail covers in automated packaging and bearing surfaces.

PVC extrusion welding, platen cover

Orange overcoat masking tape on chill roll

Features/Benefits

- Non- toxic
- Weather resistant
- Self lubricating
- Chemical and heat resistant
- Available in both low temperature acrylic and high temperature clean release silicone adhesive
- Available in thicknesses from 2.0-20 mils
- Meets MIL spec requirements

General Purpose

Pressure sensitive tape logs secured against unwind

White Saint-Gobain SG Series tape for lab counters

A-Series and C-Series: Foil Tapes

Generally considered a high quality masking tape for aircraft painting and stripping, A-tapes (aluminum) can also be used for light metal repair, duct work seaming and general purpose high temperature sealing. C-tapes, made from copper foil, are very popular electronic repair tapes (conductive adhesive) or for stained glass edging prior to soldering. Foil thicknesses range from 2.0 mil to 3.0 mil, with silicone or acrylic adhesive.

G-Series: Glass Cloth Tapes

Truly a general purpose tape, glass cloth can also be used in high temperature environments. Able to accept markers, G-tapes make excellent labels. Similarly, G-tapes are highly conformable, with excellent mechanical and electrical properties. Available with thermosetting adhesives, G-tapes resist the solvents, oils and corrosion prevalent in industrial environments.

M-Series: Polyester Film Tapes

Ranging in thickness from 1.0 to 5.0 mils, with various amounts of silicone or acrylic adhesives, M-tapes are available in a variety of colors for graphic art applications. Serious users can rely on M-tapes for roll splicing, electrical insulation, film seaming and repair.

K-Series: Polyimide Film Tape

Polyimide (PI) is the highest temperature film known. This film features a distinctive amber color and can be used in a variety of high temperature applications. It is also available with an acrylic adhesive, a more economical option that makes lower temperature jobs more affordable. And if static is a problem in your application, our ESD K-tape can eliminate it.

T-Series: PTFE Film Tapes

T-tapes are made from either skived or extruded PTFE. Plain is the most popular, least expensive and most versatile. If added strength and limited stretch are required, high modulus and oriented films can be used. Available with both acrylic and silicone adhesive, T-tapes provide excellent slip, anti-friction and release properties for a variety of non-stick applications.

Features/Benefits

- Wide variety of backing options to choose from
- Wide variety of thickness
- Wide range of operating temperature
- Silicone, acrylic and rubber adhesives
- Superior durability

All About Adhesives and Liners

ADHESIVE SYSTEMS

Acrylic (A)

Acrylic adhesives perform in continuous operating temperatures from -40°F to +375°F (-40°C to +188°C). Benefits include exceptional solvent resistance, excellent adhesion to metal, and superior weathering and aging characteristics. Acrylics have an excellent shelf life, and their ability to wet-out improves when exposed to elevated temperatures, thus increasing both adhesion and tack properties.

Natural Rubber (R)

Natural rubber adhesives impart high tack and shear characteristics. These adhesives perform in continuous operating temperatures from -20°F to +325°F (-29°C to +164°C). Natural rubber adhesives can be specially blended to provide a broad range of adhesion performance, from a low adhesion of 3.0 oz./in. to high adhesion of 60.0 oz./in.

Silicone (S)

Perfect for extreme temperature applications, silicone adhesives perform in continuous operating temperatures from -100°F to 500°F (-73°C to 260°C). Silicone-based adhesive systems exhibit good chemical resistance, retain electrical properties, and remove cleanly with little or no residue.

Thermosetting Organic Rubber (TR)

Thermoset adhesives set up or harden on first exposure to heat, and remain set regardless of subsequent temperature cycles. A blend of organic rubbers compounded with fillers, tackifiers, or curing agents, these adhesives have three primary benefits:

- Increased adhesion strength
- Improved solvent resistance
- Improved thermal capability

RELEASE LINERS

Fluorosilicone

This release liner incorporates advanced release technology for use with silicone adhesives. As a die-cutable liner, it has exceptional release properties, making it an ideal choice when die-cutting small or complex parts.

Polyethylene

These very thin release liners not only conform well to tape, but slit and release easily, making them a sensible choice for die-cutting. Available with acrylic or rubber adhesive systems, a smooth blue release liner is standard on most acrylic adhesive pressure sensitive products.

PVC

The most general purpose release liner, PVC conforms well to tape and protects the adhesive coating during handling. Although these liners have good release properties and slit well, they are generally not used for die-cutting. Only available with silicone adhesive tapes, a yellow-dimpled liner is standard.

Paper

The ideal choice for die- and kiss-cutting, paper liners have the advantage of low cost and excellent release characteristics. Available with silicone, rubber and acrylic adhesive systems, these beige release liners are specially treated to ensure excellent release properties.

CUSTOM TAPES

As a materials innovator, Saint-Gobain Performance Plastics specializes in manufacturing unique products to satisfy customer needs. While this catalog details many of our standard pressure-sensitive adhesive tapes, Saint-Gobain also offers custom tapes to meet application or customer specific requirements.

SPECIFICATIONS

Materials ordered to specifications must clearly state specification requirements on the purchase order, including any references to military, federal, ASTM or other third-party specifications.

- A product number does not indicate that every lot number or shipment has been tested to conform with specification requirements.
- Allow additional delivery time for specification certification.

Yellow, dimpled PVC liner on silicone adhesive coating

Siliconized PET film liner for college car window graphic

Thermoset Cycle

Rubber PSA/Acrylic:

3 hours @ 248°F (120°C)

2 hours @ 275°F (135°C)

1 hour @ 302°F (150°C)

Part Number	Color	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation	Dielectric	Insulation Class	Temperature Range				Comments
			mil	mm	mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm	%	kV	°C	Min °F	Max °F	Min °C	Max °C	
FILM-FEP																				
C	Clear	S	2.0	0.051	1.5	0.038	3.5	0.089	20	220	8	1.4	275	9.0	155	-100	400	-73	204	Food/Medical Grade
2355-2	Clear	S	2.0	0.051	1.5	0.038	3.5	0.089	20	220	8	1.4	275	9.0	155	-100	400	-73	204	
FILM-POLYESTER																				
M50	White	S	1.0	0.025	1.5	0.038	2.5	0.064	25	276	25	4.5	100	5.0	130	-100	350	-73	177	UL Guide OANZ2, File E51201, UL510
M52	Clear	S	1.0	0.025	1.5	0.038	2.5	0.064	30	331	25	4.5	100	5.0	130	-100	350	-73	177	UL Guide OANZ2, File E51201, UL510
M717	Red	S	1.0	0.025	2.8	0.071	3.8	0.097	30	331	25	4.5	100	5.0	130	-100	350	-73	177	
M741	Blue	S	1.0	0.025	2.0	0.051	3.0	0.076	25	276	25	4.5	100	5.0	130	-100	350	-73	177	High Tack Silicone Adhesive
M746	Red/ Bl	S	1.0	0.025	0.8	0.020	1.8	0.046	13	143	25	4.5	100	—	130	-100	350	-73	177	
M751	Yellow	S	1.0	0.025	2.0	0.051	3.0	0.076	25	276	25	4.5	100	5.0	130	-100	350	-73	177	
M758	Black	S	1.0	0.025	1.5	0.038	2.5	0.064	25	276	25	4.5	100	5.0	130	-100	350	-73	177	UL Guide OANZ2,File E51201,UL510
M803	Blue	S	1.0	0.025	2.0	0.051	3.0	0.076	25	276	25	4.5	100	5.0	130	-100	350	-73	177	Clean Release Silicone Adhesive
M815	Clear	S	1.0	0.025	2.0	0.051	3.0	0.076	30	331	25	4.5	100	5.0	130	-100	350	-73	177	
M823	Blue	S	1.0	0.025	1.8	0.046	2.8	0.071	30	331	25	4.5	100	5.0	130	-100	350	-73	177	Available Only with Liner
M824	Blue	S	1.0	0.025	1.5	0.038	2.5	0.064	30	331	25	4.5	100	5.0	130	-100	350	-73	177	
M730	Green	S	1.5	0.038	1.0	0.025	2.5	0.064	25	276	35	6.3	100	6.0	130	-100	350	-73	177	
M887	Emerald	S	2.0	0.051	1.5	0.038	3.5	0.089	40	441	50	8.9	120	7.0	130	-60	350	-51	177	
M56	Clear	R	1.0	0.025	1.5	0.038	2.5	0.064	45	496	25	4.5	100	5.0	130	0	325	-18	163	
M64	Yellow	R	1.0	0.025	1.5	0.038	2.5	0.064	50	551	25	4.5	100	5.0	130	0	325	-18	163	UL Guide OANZ2, File E51201
M734	Orange	R	1.0	0.025	0.6	0.015	1.6	0.041	6	66	25	4.5	100	5.0	100	0	325	-18	163	
M788	Aqua	R	1.0	0.025	0.5	0.013	1.5	0.038	5	55	25	4.5	100	5.0	130	0	325	-18	163	
M797	Mustard	R	1.0	0.025	2.0	0.051	3.0	0.076	30	331	25	4.5	100	5.0	130	0	325	-18	163	
M851	Green	R	1.0	0.025	2.0	0.051	3.0	0.076	15	165	25	4.5	100	6.0	130	0	350	-18	177	
M783	Pink	R	2.0	0.051	1.7	0.043	3.7	0.094	35	386	50	8.9	120	7.0	130	0	325	-18	163	
M852	Green	R	2.0	0.051	2.0	0.051	4.0	0.102	15	165	50	8.9	120	7.0	130	0	350	-18	177	
M855	Green	R	5.0	0.127	2.0	0.051	7.0	0.178	6	66	100	17.9	100	10.0	130	0	350	-18	177	
M69	Clear	A/A	1.0	0.025	3.0	0.076	4.0	0.102	30	331	25	4.5	100	5.0	130	-20	325	-29	163	Available Only with Liner
M371H YL	Yellow	A	1.0	0.025	1.5	0.038	2.5	0.064	30	331	25	4.5	100	5.0	130	-20	325	-29	163	UL Flame Retardant, Printable
M60	Clear	A	1.0	0.025	1.5	0.038	2.5	0.064	30	331	25	4.5	100	5.0	130	-20	325	-29	163	UL Guide OANZ2, File E51201
M705	Black	A	1.0	0.025	1.5	0.038	2.5	0.064	30	331	25	4.5	100	5.0	130	-20	325	-29	163	UL Guide OANZ2, File E51201
M765	White	A	1.0	0.025	1.5	0.038	2.5	0.064	25	276	25	4.5	100	5.0	130	-20	325	-29	163	UL Guide OANZ2,File E51201,UL510
FILM-POLYIMIDE																				
2345-1	Amber	S	1.0	0.025	1.5	0.038	2.5	0.064	25	276	30	5.4	50	6.5	180	-100	500	-73	260	UL Guide OANZ2,File E66639,UL510
2345-2	Amber	S	2.0	0.051	1.5	0.038	3.5	0.089	25	276	50	8.9	75	10.0	180	-100	500	-73	260	UL Guide OANZ2,File E66639,UL510
2345-5	Amber	S	5.0	0.127	1.5	0.038	6.5	0.165	20	221	150	26.8	75	17.0	180	-100	500	-73	260	
K104	Amber	S	0.5	0.013	1.0	0.025	1.5	0.038	15	165	10	1.8	25	4.0	180	-100	500	-73	260	
K201	Amber	S	1.0	0.025	1.5	0.038	2.5	0.064	25	276	30	5.4	50	N/A	180	-100	500	-73	260	Masking Grade
K202	Amber	S	2.0	0.051	1.5	0.038	3.5	0.089	25	276	50	8.9	75	N/A	180	-100	500	-73	260	Masking Grade
K250	Amber	S	1.0	0.025	1.5	0.038	2.5	0.064	30	220	30	5.4	50	7.0	180	-100	500	-73	260	UL Guide OANZ2,File E51201,UL510
K350	Amber	S	2.0	0.051	1.5	0.038	3.5	0.089	20	220	50	8.9	75	10.0	180	-100	500	-73	260	UL Guide OANZ2,File E51201,UL510
K102	Amber	A	1.0	0.025	1.5	0.038	2.5	0.064	30	331	30	5.4	50	7.0	155	-20	350	-29	177	Clean Release ACRYLIC Adhesive
K109	Amber	A	2.0	0.051	1.5	0.038	3.5	0.089	30	331	50	8.9	75	10.0	155	-20	350	-29	177	
K290ESD	Amber	S	1.0	0.025	1.5	0.038	2.5	0.064	20	220	30	5.4	50	7.0	180	-100	500	-73	260	
K100	Amber	S/S	1.0	0.025	3.5	0.089	4.5	0.114	20	220	30	5.4	50	7.5	180	-100	500	-73	260	Available only with liner
FILM-PTFE																				
Skived																				
2045-2	Gray	S	2.0	0.051	1.5	0.038	3.5	0.089	30	331	15	2.7	325	7.5	180	-100	500	-73	260	UL Guide OANZ2,File E66639,UL510
2045-3	Gray	S	3.0	0.076	1.5	0.038	4.5	0.114	35	386	20	3.6	350	9.5	180	-100	500	-73	260	UL Guide OANZ2,File E66639,UL510
2045-5	Gray	S	5.0	0.127	1.5	0.038	6.5	0.165	40	441	30	5.4	400	13.0	180	-100	500	-73	260	UL Guide OANZ2,File E66639,UL510
2045-10	Gray	S	10.0	0.250	1.5	0.038	11.5	0.292	50	551	55	10.7	450	19.5	180	-100	500	-73	260	
2042-2	Gray	A	2.0	0.051	1.5	0.038	3.5	0.089	25	276	15	2.7	300	7.5	130	-100	350	-73	177	
2042-3	Gray	A	3.0	0.076	1.5	0.038	4.5	0.114	30	331	20	3.6	375	9.5	130	-100	350	-73	177	
2042-5	Gray	A	5.0	0.127	1.5	0.038	6.5	0.165	35	386	30	5.4	400	13.0	130	-100	350	-73	177	
2042-10	Gray	A	10.0	0.250	1.5	0.038	11.5	0.292	55	606	55	9.9	450	19.5	130	-100	350	-73	177	
TV350	White	S	2.0	0.051	1.5	0.038	3.5	0.089	25	276	15	2.7	250	7.8	180	-100	500	-73	260	Food/Medical Grade
T	White	S	3.0	0.076	3.0	0.076	6.0	0.152	30	331	20	3.6	275	10.0	180	-100	500	-73	260	Food/Medical Grade
TV	White	S	5.0	0.127	1.5	0.038	6.5	0.165	35	386	30	5.4	275	13.0	180	-100	500	-73	260	Food/Medical Grade
TH	White	S	10.0	0.250	2.5	0.063	12.5	0.318	55	606	60	10.8	300	18.0	180	-100	500	-73	260	Food/Medical Grade

Part Number	Color	Adhesive System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elongation	Dielectric	Insulation Class	Temperature Range				Comments
			mil	mm	mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm	%	kV	°C	Min °F	Max °F	Min °C	Max °C	
FILM-PTFE																				
High-Modulus																				
2250-2	Gray	R	2.0	0.051	1.5	0.038	3.5	0.089	25	276	30	5.4	150	8.0	130	-80	325	-40	163	
2253-2	Gray	A	2.0	0.051	1.5	0.038	3.5	0.089	30	331	30	5.4	150	9.5	130	-40	350	-40	177	
2254-2	Gray	S	2.0	0.051	1.5	0.038	3.5	0.089	35	386	30	5.4	150	9.0	150	-40	500	-40	260	
2255-2	Gray	S	2.0	0.051	1.5	0.038	3.5	0.089	30	331	30	5.4	150	9.0	180	-100	500	-73	260	
2255-3	Gray	S	3.0	0.076	1.5	0.038	4.5	0.114	35	386	45	8.0	175	11.0	180	-100	500	-73	260	
2255-5	Gray	S	5.0	0.125	1.5	0.038	6.5	0.165	40	441	60	10.7	175	15.0	180	-100	500	-73	260	
2255-6	Gray	S	6.0	0.152	1.5	0.038	7.5	0.191	45	496	65	11.7	200	18.0	180	-100	500	-73	260	
2255 product series also available with silicone adhesive in 4, 6, 7 and 10 mil. backing thickness, please consult factory.																				
HM350	White	S	2.0	0.051	1.5	0.038	3.5	0.089	25	276	25	4.5	150	8.0	180	-100	500	-73	260	Food/Medical Grade
HM426	Gray	S	2.0	0.064	1.5	0.038	3.5	0.089	25	276	25	4.5	150	8.0	180	-100	500	-73	260	
HM430	White	A	2.0	0.064	1.5	0.038	3.5	0.089	25	276	25	4.5	150	8.0	155	-20	350	-29	177	Food/Medical Grade
HM650	White	S	5.0	0.127	1.5	0.038	6.5	0.165	30	331	45	8.0	200	13.5	180	-100	500	-73	260	Food/Medical Grade
Enhanced High Modulus																				
R233	Gray	A	5.0	0.125	1.5	0.038	6.5	0.165	30	331	75	13.0	150	9.5	130	-40	350	-40	177	
R253	Gray	S	5.0	0.125	1.5	0.038	6.5	0.165	40	441	75	13.0	110	11.0	—	-100	500	-73	260	
Extruded																				
2265-2	Clear	S	2.0	0.051	1.5	0.038	3.5	0.089	35	386	25	4.5	200	8.0	—	-100	500	-73	260	
2265-5	Clear	S	5.0	0.127	2.0	0.051	7.0	0.178	45	496	65	11.8	250	15.0	—	-100	500	-73	260	
2275-2	Rust	S	2.3	0.058	1.9	0.048	4.2	0.107	40	441	45	8.0	110	11.0	—	-100	500	-73	260	
2283-2	Rust	A	2.0	0.051	2.0	0.051	4.0	0.102	30	331	30	5.0	150	10.0	—	-40	350	-40	177	
2285-2	Rust	S	2.0	0.051	1.5	0.038	3.5	0.089	30	331	30	5.0	175	9.0	—	-100	500	-73	260	
2285-5	Rust	S	5.0	0.127	1.5	0.038	6.5	0.165	40	441	75	13.0	200	16.0	—	-100	500	-73	260	
FILM-RULON																				
RU	Rose	S	8.0	0.203	2.0	0.051	10.0	0.254	25	276	20	3.6	225	—	155	-100	500	-73	260	
RU101	Rose	A	8.0	0.203	2.3	0.058	10.3	0.262	20	220	20	3.6	225	—	155	-20	350	-29	177	
FILM-UHMW																				
2300-5R	Natural	R	5.0	0.127	2.0	0.051	7.0	0.178	55	606	40	7.0	350	—	—	0	225	-18	107	
2300-10R	Natural	R	10.0	0.250	2.0	0.051	12.0	0.305	55	606	80	14.5	400	—	—	0	225	-18	107	
2302-3R	Natural	A	3.0	0.076	1.5	0.038	4.5	0.114	35	386	20	3.6	300	—	—	-40	225	-40	107	
2302-5R	Natural	A	5.0	0.127	1.5	0.038	6.5	0.165	45	496	40	7.0	350	—	—	-40	225	-40	107	
2302-10R	Natural	A	10.0	0.250	1.5	0.038	11.5	0.292	50	551	80	14.5	425	—	—	-40	225	-40	107	
2302-20R	Natural	A	20.0	0.500	1.5	0.038	21.5	0.546	50	551	145	26.3	500	—	—	-40	225	-40	107	
For 23XX product series, a blue PE liner is standard.																				
GLASS-CLOTH																				
2905-7R	White	S/S	4.5	0.114	2.5	0.064	7.0	0.178	40	441	175	31.3	<10	—	180	-100	500	-73	260	Available only with liner UL Guide OANZ2, File E66639, UL 510
2905-10R	White	S/S	6.5	0.165	4.0	0.102	10.5	0.267	25	276	225	40.2	<10	8.0	180	-100	500	-73	260	Available Only with Liner
2915-7	White	S	4.5	0.114	2.5	0.064	7.0	0.178	40	441	160	28.6	—	4.5	180	-100	500	-73	260	UL Guide OANZ2, File E66639, UL510
2915-7Q	White	S	4.5	0.114	2.5	0.064	7.0	0.178	40	441	160	28.6	—	4.5	180	-100	590	-73	260	Thermoset Silicone
2915-10	White	S	5.5	0.140	4.5	0.114	10.0	0.254	40	441	175	31.3	—	5.0	180	-100	500	-73	260	Thermoset Silicone
2916-7	White	S	4.5	0.114	2.5	0.064	7.0	0.178	45	496	165	29.0	—	4.3	—	-100	500	-73	260	
G551	White	R	4.5	0.114	2.5	0.064	7.0	0.178	50	551	150	26.8	<5	3.5	130	0	350	-18	177	UL Guide OANZ2, File E51201
G561	White	S	4.5	0.114	2.5	0.064	7.0	0.178	40	441	160	28.6	—	4.5	180	-100	590	-73	260	Thermoset Silicone
G565	White	S	4.5	0.114	2.5	0.064	7.0	0.178	40	441	160	28.6	—	4.5	180	-100	500	-73	260	UL Guide OANZ2,File E51201,UL510
G569	White	A	4.5	0.114	2.5	0.064	7.0	0.178	30	331	150	26.8	<5	3.0	155	-20	350	-29	177	UL Guide OANZ2, File E51201
GLASS-FOIL																				
06004	Alum.	S	2.5	0.064	3.5	0.089	8.0	0.203	60	661	155	28.1	—	—	—	-100	500	-73	260	
06005	Alum.	S	2.5	0.064	3.5	0.089	8.0	0.203	70	772	150	27.0	7	—	—	-100	500	-73	260	
2925-7	Alum.	S	2.5	0.064	4.5	0.114	7.0	0.178	60	661	130	23.6	7	—	—	-100	500	-73	260	
2925-11	Alum.	S	7.5	0.191	3.5	0.089	11.0	0.279	75	827	200	35.7	7	—	—	-100	500	-73	260	
2995-11R	Alum.	S	7.5	0.178	5.0	0.076	12.0	0.305	45	496	150	27.0	5	—	—	-100	500	-73	260	

Part Number	Color	Adhesive System	Backing Thickness mil	Backing Thickness / mm	Adhesive Thickness mil	Adhesive Thickness / mm	Total Thickness mil	Total Thickness / mm	Adhesion Strength oz/in	Adhesion Strength g/cm	Tensile Strength lbs/in	Tensile Strength kg/cm	Elongation %	Dielectric kV	Insulation Class °C	Temperature Range Min °F	Temperature Range Max °F	Temperature Range Min °C	Temperature Range Max °C	Comments
GLASS-SILICONE																				
23816	White	S	8.0	0.203	4.0	0.102	12.0	0.305	50	551	100	18.0	—	7	—	-100	500	-73	260	
2965-8R	Blue	S	7.0	0.178	3.5	0.089	10.5	0.267	45	496	100	18.0	15	4	—	-100	500	-73	260	
2975-8R	White	S	7.0	0.178	3.5	0.089	10.5	0.267	50	551	150	27.0	5	7	—	-100	500	-73	260	
H7575	White	S	17.5	0.440	3.5	0.089	21.0	0.553	50	551	180	32.7	—	—	—	-100	500	-73	260	
H7525	White	S	15.0	0.380	2.5	0.064	17.5	0.445	50	551	125	22.0	—	—	—	-100	500	-73	260	
For 23816, 2965-8R, 2975 and H7575, a yellow-dimpled PVC liner is standard. For H7525, a Kraft paper liner is standard.																				
PARA-ARAMID CLOTH-PTFE																				
Anti-Static, Super Abrasion Resistant																				
SGK5-05	Black	S	5.0	0.127	2.0	0.051	7.0	0.178	25	276	200	35.7	3	—	—	-100	500	-73	260	Cut-Resistant
GLASS-PTFE																				
Anti-Static																				
SG56-03(R)	Black	S	3.0	0.076	2.0	0.051	5.0	0.127	45	497	80	14.3	<5	—	—	-100	500	-73	260	
SG56-05(R)	Black	S	5.0	0.127	2.0	0.051	7.0	0.178	50	552	150	26.8	<5	—	—	-100	500	-73	260	
SG56-06(R)	Black	S	6.0	0.152	2.0	0.051	8.0	0.203	65	718	175	31.2	<5	—	—	-100	500	-73	260	
For SG5X product series, a yellow-dimpled PVC liner is standard.																				
CHEMLAM GXS																				
SGG5-06	Brown	S	5.9	0.149	2.0	0.051	7.9	0.201	55	607	125	22.3	<5	—	—	-100	500	-73	260	
CHEMLAM Brown																				
SGB6-04(R)	Brown	S	4.2	0.107	2.0	0.051	6.2	0.157	45	497	100	17.9	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SGB6-06(R)	Brown	S	5.9	0.149	2.0	0.051	7.9	0.201	50	552	125	22.3	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SGB6-10(R)	Brown	S	9.5	0.241	2.0	0.051	10.5	0.267	55	607	250	44.6	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
CHEMLAM Copper																				
SGC6-04(R)	Copper	S	4.2	0.107	2.0	0.051	6.2	0.157	45	497	100	17.9	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SGC6-06(R)	Copper	S	5.9	0.149	2.0	0.051	7.9	0.201	50	552	125	22.3	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SGC6-10(R)	Copper	S	9.5	0.241	2.0	0.051	11.5	0.292	55	607	250	44.6	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
For Silicone Adhesives, a yellow-dimpled PVC liner is standard																				
Roll Covering																				
280-6(R)	Tan	S	6.0	0.152	2.0	0.051	8.0	0.203	55	606	175	31.0	<5	—	—	-100	500	-73	260	
High Performance																				
SG13-03(R)	Natural	A	3.0	0.076	2.0	0.051	5.0	0.127	60	662	90	16.1	<5	—	—	-40	350	-73	260	
SG13-05(R)	Natural	A	5.0	0.127	2.0	0.051	7.0	0.178	70	773	150	26.8	<5	—	—	-40	350	-73	260	
SG13-06(R)	Natural	A	6.0	0.152	2.0	0.051	8.0	0.203	75	828	150	26.8	<5	—	—	-40	350	-73	260	
SG13-10(R)	Natural	A	10.0	0.250	2.3	0.058	12.3	0.312	70	773	325	58.0	<5	—	—	-40	350	-73	260	
SG13-14(R)	Natural	A	14.0	0.350	2.3	0.058	16.3	0.414	70	773	400	71.4	<5	—	—	-40	350	-73	260	
SG15-03(R)	Natural	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	90	16.1	<5	—	—	-100	500	-73	260	
SG15-05(R)	Natural	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	150	26.8	<5	—	—	-100	500	-73	260	
SG15-06(R)	Natural	S	6.0	0.152	2.3	0.053	8.3	0.205	65	718	150	26.8	<5	—	—	-100	500	-73	260	
SG15-10(R)	Natural	S	10.0	0.250	2.5	0.064	12.5	0.318	80	883	325	58.0	<5	—	—	-100	500	-73	260	
SG15-14(R)	Natural	S	14.0	0.350	2.5	0.064	16.5	0.420	80	883	400	71.4	<5	—	—	-100	500	-73	260	
SG16-03(R)	Natural	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	90	16.1	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SG16-05(R)	Natural	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	150	26.8	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SG16-06(R)	Natural	S	6.0	0.152	2.3	0.058	8.3	0.205	65	718	150	26.8	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SG16-10(R)	Natural	S	10.0	0.250	2.5	0.064	12.5	0.318	80	883	325	58.0	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SG16-14(R)	Natural	S	14.0	0.350	2.5	0.064	16.5	0.420	80	883	400	71.4	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
For Silicone Adhesives, a yellow-dimpled PVC liner is standard; For Acrylic Adhesives, a blue PE liner is standard.																				
Premium FOOD/MEDICAL GRADE																				
SG03-03(R)	Brown	A	3.0	0.076	1.7	0.043	4.7	0.118	40	442	90	16.1	<5	4	180	-100	500	-73	260	
SG03-05(R)	Brown	A	5.0	0.127	1.7	0.043	6.7	0.170	55	607	175	31.2	<5	5	180	-100	500	-73	260	
SG03-06(R)	Brown	A	6.0	0.152	1.7	0.043	7.7	0.194	55	607	175	31.2	<5	6.5	180	-100	500	-73	260	
SG03-10(R)	Brown	A	10.0	0.250	1.7	0.043	11.7	0.297	70	773	250	44.6	<5	8.5	180	-100	500	-73	260	
SG03-14(R)	Brown	A	14.0	0.350	1.7	0.043	15.7	0.399	70	773	400	71.4	<5	7	180	-100	500	-73	260	
SG05-03(R)	Brown	S	3.0	0.076	1.7	0.043	4.7	0.118	45	497	90	16.1	<5	4	180	-100	500	-73	260	21CFR175.105 and 21CFR177.1550
SG05-05(R)	Brown	S	5.0	0.127	1.7	0.043	6.7	0.170	55	607	175	31.2	<5	5	180	-100	500	-73	260	21CFR175.105 and 21CFR177.1550
SG05-06(R)	Brown	S	6.0	0.152	1.7	0.043	7.7	0.194	55	607	175	31.2	<5	6.5	180	-100	500	-73	260	21CFR175.105 and 21CFR177.1550
SG05-10(R)	Brown	S	10.0	0.250	1.7	0.043	11.7	0.297	60	662	250	44.6	<5	8.5	180	-100	500	-73	260	21CFR175.105 and 21CFR177.1550
SG05-14(R)	Brown	S	14.0	0.350	1.7	0.043	15.7	0.399	65	718	400	71.4	<5	7	180	-100	500	-73	260	21CFR175.105 and 21CFR177.1550
For Silicone Adhesives, a yellow-dimpled PVC liner is standard; For Acrylic Adhesives, a blue PE liner is standard.																				

Part Number	Color	Adhesive System	Backing Thickness mil	Backing Thickness mm	Adhesive Thickness mil	Adhesive Thickness mm	Total Thickness mil	Total Thickness mm	Adhesion Strength oz/in	Adhesion Strength g/cm	Tensile Strength lbs/in	Tensile Strength kg/cm	Elongation %	Dielectric kV	Insulation Class °C	Temperature Range Min °F	Temperature Range Max °F	Temperature Range Min °C	Temperature Range Max °C	Comments
GLASS-PTFE																				
Primary																				
SG23-03(R)	Natural	A	3.0	0.076	2.0	0.051	5.0	0.127	60	662	90	16.1	<5	—	—	-40	350	-40	177	
SG23-05(R)	Natural	A	5.0	0.127	2.0	0.051	7.0	0.178	70	773	150	26.8	<5	—	—	-40	350	-40	177	
SG23-06(R)	Natural	A	6.0	0.152	2.0	0.051	8.0	0.188	75	828	150	26.8	<5	—	—	-40	350	-40	177	
SG23-10(R)	Natural	A	9.0	0.250	2.3	0.058	11.3	0.287	70	773	250	44.6	<5	—	—	-40	350	-40	177	
SG25-03(R)	Natural	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	90	16.1	<5	—	—	-100	500	-73	260	
SG25-05(R)	Natural	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	150	26.8	<5	—	—	-100	500	-73	260	
SG25-06(R)	Natural	S	6.0	0.152	2.3	0.058	8.3	0.205	65	718	150	26.8	<5	—	—	-100	500	-73	260	
SG25-10(R)	Natural	S	9.0	0.229	2.5	0.064	11.5	0.293	80	883	250	44.6	<5	—	—	-100	500	-73	260	
SG26-03(R)	Natural	S	3.0	0.076	2.0	0.051	5.0	0.127	45	497	90	16.1	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SG26-05(R)	Natural	S	5.0	0.127	2.0	0.051	7.0	0.178	50	552	150	26.8	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SG26-06(R)	Natural	S	6.0	0.152	2.0	0.051	8.0	0.188	55	607	150	26.8	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
SG26-10(R)	Natural	S	9.0	0.229	2.0	0.051	11.0	0.280	70	773	250	44.6	<5	—	—	-100	500	-73	260	Clean Release Silicone Adhesive
For Silicone Adhesives, a yellow-dimpled PVC liner is standard; For Acrylic Adhesives, a blue PE liner is standard.																				
Industrial																				
SG33-03(R)	Natural	A	3.0	0.076	2.0	0.051	5.0	0.127	60	662	75	13.4	<5	—	—	-40	350	-73	260	
SG33-05(R)	Natural	A	5.0	0.127	2.0	0.051	7.0	0.178	70	773	160	28.6	<5	—	—	-40	350	-73	260	
SG33-06(R)	Natural	A	6.0	0.152	2.0	0.051	8.0	0.188	75	828	275	49.1	<5	—	—	-40	350	-73	260	
SG33-10(R)	Natural	A	8.0	0.203	2.3	0.058	10.3	0.261	70	773	250	44.6	<5	—	—	-40	350	-73	260	
SG35-03(R)	Natural	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	75	13.4	<5	—	—	-100	500	-73	260	
SG35-05(R)	Natural	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	160	28.6	<5	—	—	-100	500	-73	260	
SG35-06(R)	Natural	S	6.0	0.152	2.3	0.058	8.3	0.205	65	718	275	49.1	<5	—	—	-100	500	-73	260	
SG35-10(R)	Natural	S	8.0	0.203	2.5	0.064	10.5	0.267	80	883	275	49.1	<5	—	—	-100	500	-73	260	
For Silicone Adhesives, a yellow-dimpled PVC liner is standard; For Acrylic Adhesives, a blue PE liner is standard.																				
A-2005	Natural	S	3.0	0.076	2.5	0.064	5.5	0.140	50	551	90	16.1	<5	—	—	-100	500	-73	260	
FOIL-ALUMINUM																				
A602	Alum.	S	2.0	0.052	2.0	0.051	4.0	0.102	60	661	20	3.6	8	—	—	-100	500	-73	260	
A603	Alum.	A	2.0	0.052	2.0	0.051	4.0	0.102	55	606	20	3.6	8	—	—	-40	250	-40	121	
A662	Alum.	A	3.0	0.076	2.0	0.051	5.0	0.127	65	717	45	8.0	18	—	—	-40	250	-40	121	UL Guide OANZ2, File E51201, UL510
26020	Alum.	S	5.0	0.127	3.0	0.076	8.0	0.203	95	991	80	14.5	10	—	—	-100	500	-73	260	
FOIL-COPPER																				
C661	Copper	A	1.5	0.038	2.0	0.051	3.5	0.089	80	882	70	12.7	<16	—	—	-40	250	-40	121	UL Guide OANZ2, File E51201, UL510
C665	Copper	A	1.5	0.038	2.0	0.051	3.5	0.089	35	386	90	16.0	—	—	—	-40	250	-40	121	UL Guide OANZ2, File E51201, UL510
PAPER																				
C680	Natural	S	4.0	0.102	2.0	0.051	6.0	0.152	30	331	25	4.5	5	—	155	-20	310	-29	154	Static Dissipative (ESD)
C663	Red	S	6.5	0.165	3.0	0.076	9.5	0.241	60	661	—	—	—	—	—	-100	500	-73	260	
SILICONE RUBBER (STRIP-N-STICK)																				
100S	Or./Tan	S							15	165	—	—	—	—	180	-100	500	-73	260	UL File MH12835
200A	Or./Tan	A							30	331	—	—	—	—	155	-20	325	-29	163	UL File MH12835
300AR	Blue	A	SEE "CHART 1 THICKNESS" BELOW						30	331	—	—	—	—	155	-20	325	-29	163	Fiberglass Reinforced
440S	Gray	S							15	165	—	—	—	—	180	-100	500	-73	260	
440A	Gray	A							30	331	—	—	—	—	155	-20	325	-29	163	
512AF	Gray	A							30	331	—	—	—	—	155	-20	325	-29	163	Backing conforms to UL 94 VO UL File MH12835

CHART 1 THICKNESS (SILICONE RUBBER, STRIP-N-STICK)

	440A 440S	100S 200A 300AR	512AF	Roll Length
1/32" (0.79mm)	X			20
1/16" (1.59mm)		X	X	10
3/32" (2.38mm)		X	X	10
1/8" (3.18mm)		X	X	10
3/16" (4.76mm)		X	X	5
1/4" (6.35mm)			X	5

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