

CHR® Pressure Sensitive Adhesive Tapes



Saint-Gobain Performance Plastics CHR® brand general purpose pressure sensitive adhesive tapes are not engineered for specific applications, but rather are used in a variety of light industrial and commercial situations.

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 marker, 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.

(Continued on back)

General Purpose Industrial Tapes

Features/Benefits

- Wide variety of backing to choose from:

Cloth	Foil
Film	Composite
- Wide variety of thickness
- Wide range of operating temperature
- Silicone, acrylic and rubber adhesives
- Superior durability



Pressure sensitive tape logs secured against unwind

The leader in pressure sensitive adhesive tapes for the packaging industry, Saint-Gobain combines the two trusted market leaders' product offerings (CHEMFAB® and Furon), brand names like CHEMSTIK® and CHR, into one powerhouse package. 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.

Strip-N-Stick®

Strip-N-Stick®, our most popular silicone product with adhesive backing, can be used in a variety of gasketing and cushioning applications, for vibration damping, and even as thermal insulation. Coated with acrylic or silicone adhesives, silicone rubber will withstand any environment... hot, cold, chemical, harsh or clean room. Standard thicknesses range from 1/32" to 1/4". Also available reinforced with fiberglass. Some products are UL listed.

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.

CHR® Tapes — Typical Physical Properties — General Purpose Industrial Tapes

Adhesive Type	Continuous Operating Temperature	Backing Type	Substrate Temperature Limitation
Acrylic	-40°F to 350°F	Fiberglass Cloth	Up to 1000°F
Silicone	-100°F to 500°F	Polyester Film	Up to 300°F
Rubber	0°F to 325°F	Polyimide Film	Up to 1000°F
		PTFE Film	Up to 500°F
		Aluminum Foil	Up to 500°F
		Copper Foil	Up to 500°F
		Silicone	Up 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.



PERFORMANCE PLASTICS

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