

CHR[®] Pressure Sensitive Adhesive Tapes



Silicone Glass 23816, 2975-8R, 2965-8R

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 2925-7, 6004 and Foil 26020

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.

2925-11, 2995-11R

A heavy duty version of 2925-7, the 2925-11 tape is constructed with .005 inches 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.

Glass Fabric 2905-7R, 2905-10R

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.

2915-7, 2915-10

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.

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Thermal Spray Tapes

Features / Benefits

- Wide range of products
- Highly conformable
- Excellent thermal and abrasion resistance
- Custom products available

The leader in masking tapes for the thermal spray industry brings you a complete line of tape products. For applications ranging from grit-blasting and plasma spray, to the special demands of HVOF, CHR tapes offer excellent thermal and abrasion resistance while protecting adjacent surfaces from the spray. CHR tapes will not lift off or fray, and are designed to release easily without leaving adhesive residue.

All CHR thermal spray tapes come with a pressure sensitive silicone adhesive that performs well in temperatures as high as 500°F (260°C). Each tape has a unique backing material that exhibits distinct physical and chemical properties to meet specific thermal spray needs. Information on each backing material is listed.

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Heavy Duty H7525, H7575

Exceptional abrasion resistance and adhesion properties make these tapes ideal for demanding applications, including HVOF. H7525 is a multi-layer tape 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.

All CHR thermal spray tapes have been used in a wide range of grit-blasting and thermal spray applications.

CHR® Pressure Sensitive Adhesive Tapes — Thermal Spray Tapes

Part Number	Total Thickness in/mm	Backing Thickness in/mm	Adhesion to Steel oz/in, gr/cm	Continuous Operating Temperature °F/°C
23816	0.0120/0.305	0.008/0.203	50/558	-100° to 500°/-73° to 260°
2975-8R	0.0105/0.267	0.007/0.178	50/558	-100° to 500°/-73° to 260°
2925-7	0.007/0.178	0.0025/0.064	60/671	-100° to 500°/-73° to 260°
6004	0.0080/0.203	0.0025/0.064	60/671	-100° to 500°/-73° to 260°
2925-11	0.0110/0.279	0.0075/0.191	75/837	-100° to 500°/-73° to 260°
26020	0.0080/0.203	0.0050/0.127	95/1060	-100° to 500°/-73° to 260°
2905-7R	0.0070/0.178	0.0045/0.114	40/446	-100° to 500°/-73° to 260°
2905-10R	0.0105/0.267	0.0065/0.165	25/276	-100° to 500°/-73° to 260°
2915-7	0.0070/0.178	0.0045/0.114	40/446	-100° to 500°/-73° to 260°
2915-10	0.0100/0.254	0.0055/0.140	40/446	-100° to 500°/-73° to 260°
2995-11R	0.0110/0.279	0.0070/0.178	45/502	-100° to 500°/-73° to 260°
H7525	0.0175/0.445	0.0150/0.381	50/558	-100° to 500°/-73° to 260°
H7575	0.0210/0.533	0.0175/0.445	50/558	-100° to 500°/-73° to 260°
2965-8R	0.0105/0.267	0.0070/0.178	35/400	-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 subject to change without notice.



Saint-Gobain Performance Plastics
Advanced Films and Fabrics—The Americas
14 McCaffrey Street
Hoosick Falls, NY 12090
Phone: (800) 962-2666
Fax: (518) 686-4840

Saint-Gobain Performance Plastics
Advanced Films and Fabrics—Asia
Suite 1203, No. 147
Chienkwo North Road Section 2
Taipei Taiwan, 104
Taiwan
Tel: 886 (2) 25034201
Fax: 886 (2) 25034202

Saint-Gobain Performance Plastics
Advanced Films and Fabrics—Europe
Clonroad
Ennis
County Clare
Ireland
Tel: 353 65 68 20988
Fax: 353 65 68 20993

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