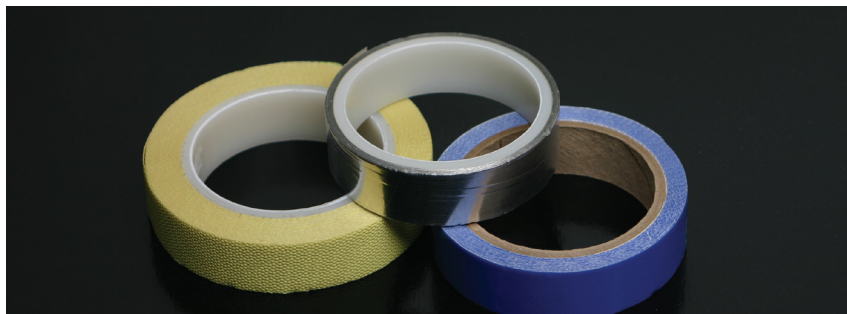


# Flame Spray Tapes

CFS has a full line of Flame Spray (Plasma) Tapes. For applications ranging from grit blasting & plasma spray, to the special demands of HVOF. CFS tapes exhibit excellent thermal & abrasion resistance while protecting adjacent surfaces from spray. Our tapes will not lift or fray and are designed to release easily without leaving residue. All CFS thermal spray tapes come with a pressure sensitive adhesive, which perform 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.



**Silicone Glass Tapes** are pressure sensitive tapes produced from a silicone rubber coated glass fabric & a high temperature silicone adhesive. The BR1340 is very good at preventing bridging during metalization, and the RR1370 is the most resistant of CFS's silicone rubber coated glass fabric products.

Part Number	Material	Total Thickness	Backing Thickness	Adhesion
RR1370	Red Silicone Rubber	12 Mils	9 Mils	35 oz/in
BR1340	Blue Silicone Rubber	11 Mils	8 Mils	35 oz/in
WR1350	White Silicone Rubber	11 Mils	8 Mils	35 oz/in
LBR130	Light Blue Silicone Rubber	12 Mils	9 Mils	35 oz/in

**Double Sided Glass Fabric Tape with Silicone Adhesive** is very versatile and performs superbly as a masking tape or, when used together with our premium tapes, as an underwrap. This is a glass fabric tape coated on both sides with adhesive for superior bonding.

Part Number	Material	Total Thickness	Backing Thickness	Adhesion
DS1300	Glass Cloth w/Silicone Adhesive	10 Mils	7 Mils	35 oz/in

**Glass Foil Tapes** are pressure sensitive tapes produced from an aluminum foil, glass fabric laminate, and a high temperature silicone adhesive. The aluminum foil provides excellent reflective and conductive characteristics in high temperature applications. The GF1310 and GF1320 are used primarily as masking tapes for plasma flame spraying, while the GF1360 has been specifically designed for use in High Velocity Oxy Fuel (HVOF) applications.

Part Number	Material	Total Thickness	Backing Thickness	Adhesion
GF1310	Glass Foil	8 Mils	3.5 Mils	45 oz/in
GF1320	Glass Foil	9 Mils	4.5 Mils	45 oz/in
GF1360	Glass Foil	11 Mils	6.5 Mils	45 oz/in

**Heavy Duty Silicone Glass Foil Tapes** are pressure sensitive tapes produced from laminates of silicone rubber, glass fabric, aluminum foil, and a high temperature silicone adhesive. They are used as masking tapes in plasma spraying when a single ply tape will not provide sufficient protection. The double ply construction eliminates the need for two hand lay-up operations, thus saving labor costs. HVOF-22 is designed for severe duty including HVOF applications.

Part Number	Material	Total Thickness	Backing Thickness	Adhesion
DG1380	Silicone Glass Foil	14 Mils	N/A	25 oz/in
DG1385	Silicone Glass Foil	22 Mils	N/A	30 oz/in
DG1388	Silicone Glass Foil	18 Mils	N/A	40 oz/in
GF1390	Silicone Glass Foil	14 Mils	N/A	40 oz/in
GF1395	Silicone Glass Foil	18 Mils	N/A	40 oz/in
HVOF-22	Silicone Glass Foil	22 Mils	N/A	40 oz/in

**Glass Fabric with Silicone Adhesive** is a pressure sensitive tape produced from a closely woven glass fabric and a high temperature silicone adhesive. The glass fabric has an excellent abrasion resistance and high strength.

Part Number	Material	Total Thickness	Backing Thickness	Adhesion
GC1305	Glass Cloth w/Silicone Adhesive	7 Mils	4 Mils	30 oz/in

**SRGF Plasma Tape** is a one-step plasma masking tape constructed of silicone rubber/glass cloth backing coated with an aggressive high temperature silicone adhesive. It will withstand the grit blast and plasma coating process yet remove cleanly. SRGF has higher tack than other plasma masking tapes which allows it to easily conform to the most complex shapes of the aircraft industry. This along with improved "drape" characteristics and increased flexibility make SRGF the industry's most sought after masking product available.

Part Number	Material	Total Thickness	Backing Thickness	Adhesion
SRGF	Silicone Rubber Glass Cloth	11 Mils	8 Mils	35 oz/in



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