CHR® Pressure-Sensitive Adhesive Tapes

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.

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

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.

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.
CHR® Pressure Sensitive Adhesive Tapes — Flame Spray Masking

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Total Thickness (in.)</th>
<th>Backing Thickness (in.)</th>
<th>Adhesion to Steel (oz./in.)</th>
<th>Continuous Operating Temperature (°F)</th>
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</tr>
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</table>

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.

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  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.

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  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.

SAINT-GOBAIN

Plasma Spray Technologies

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