

GC-SA7

Aluminum Foil/Glass Cloth Laminate

PRODUCT DESCRIPTION

A thin tape that combines Glass Cloth with a laminate of Aluminum Foil. It provides high strength and reflectivity with excellent flexibility. The Fiberglass Cloth side is coated with a transparent, high temperature resistant Silicone Adhesive. This product will withstand moderate grit blasting, is noncorrosive, and flame retardant (will not burn under open flame/extreme temperature exposure).

APPLICATIONS:

- Used as a masking tape in plasma spray application.
- Prevents build-up of liquid metal on surfaces that must be protected.
- Used for seaming and repair of heat and flame barrier curtains.
- Used for protecting and shielding various missile and aircraft components such as control cables, harnesses, fuel lines, etc.
- Used for securing thermal insulation on heating and ventilation ducts.

PHYSICAL PROPERTIES:

Backing	Aluminum Foil / Fiberglass Cloth
Adhesive	Silicone Adhesive
Adhesive Thickness	3.0 mil (0.075 mm)
Total Thickness	8.0 mil (0.203 mm)
Adhesion to Steel	40 oz./inch
Tensile Strength	72 lbs/inch
Elongation	11%
Temperature Range	-94°F to 500°F
Continuous Operation Temperature	Up to 500°F
Color	Silver
Specifications	Meets T-MIL 83284, ASTM 01000, ASTM 149, JIS Z0237

STORAGE TEMPERATURE & SHELF LIFE:

Tape should be stored in a clean, dry area with little to no air exposure (polybags recommended) at a temperature of +/- 75°F. If stored appropriately, expected shelf life of up to 1 year from date of production.

Note: The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using this product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods.



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