

HP27925/HP27995

GLASS-FOIL

High Performance Products HPP HP27925 and HP27995-11R are manufactured from aluminum foil laminated to fiberglass cloth with high-temperature silicone adhesive on one side.

Typical Properties

Product Number	HP27925-7	HP27925-11	HP27995-11R
Backing Material	Glass-Foil	Glass-Foil	Glass-Foil
Adhesive Type	Silicone	Silicone	Silicone
Total Thickness (in.)	.0070	.0110	.0120
Backing Thickness (in.)	.0025	.0075	.0070
Adhesive Thickness (in.)	.0045	.0035	.0050
Adhesion to Steel (oz./in.)	60	75	45
Tensile Strength (lbs./in.)	130	200	150
Elongation (% at break)	7	7	5
Operating Temperature (°F)	-100 to 500	-100 to 500	-100 to 500
Color	Aluminum	Aluminum	Aluminum

Values shown are typical. Certified test reports for writing specifications are available.

Applications;HP27925 performs as a plasma or flame spray masking tape, allowing areas to be free of grit blasting and the plasma spray coating. Its high-temperature resistance makes it ideal for heat and reflectant tapes, and it is used in aerospace and automotive markets as a wire harness bundling tape in engine components. HP27925 also is used as a sound and vibration dampening product. HP27995-11R is designed for extremely high demand thermal spray

applications, such as HVOF and High Detonation Systems. It provides excellent abrasion and temperature resistance and conforms very well to a wide variety of surface configurations. The extremely aggressive adhesive system assures the tape stays in place throughout the entire coating process and will release cleanly after use, reducing the cleaning of the coated parts.

Features/Benefits' HP27925's high-temperature silicone adhesive allows the product to withstand continuous high temperatures, and

prevents tape slippage after application. HP27995-11R is formed by laminating 5 mil, dead soft aluminum foil to fiberglass fabric and applying a special blend of high-temperature silicone adhesives. The backing provides an excellent combination of strength, flexibility and heat resistance. Both HP27925 and HP27995-11R have excellent strength and flexibility, which provides easy wrapping of complex shapes and minimizes wrinkling.

Availability; HP27925 is available in 7 and 11 mil thicknesses, factory stock is in master rolls 36 yards by 36", and rolls can be slit in widths ranging from 1/4 to 18". HP27925 is available with or without a liner. HP27995-11R is supplied on a clear polyester release liner. It unwinds easily, can be die-cut, and each roll is started with a pull-tab. Factory stock for HP27995-11R is in master rolls 36 yards by 36 inches, and rolls can be slit in widths ranging from 1/2 to 36".

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Limited Warranty:

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