

# TAPE - TECHNICAL & APPLICATION DATA

## Technical Data Sheet 21215B

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SUPERCEDES:

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### APPLICATION

Metallisation 21215B (25mm) Aluminium Foil Tape is used as a high temperature masking tape for thermal spray and high velocity oxygen fuel (HVOF) processes, primarily in the aircraft industry. The tape is used to protect areas of the part exposed to spraying process.

### PHYSICAL PROPERTIES

The tape was developed to withstand the abrasion of the gritblasting and the extreme temperatures / pressures. This single sided tape consists of a laminate of silicone rubber, glass-cloth, aluminium and glass-cloth coated on one side with a silicone adhesive. It is very strong with exceptional abrasion and temperature resistance and adhesion properties which allows the tape to withstand the spraying process and will withstand constant temperatures up to 260 °C.

### TAPE DETAILS\*

|                         |   |  |
|-------------------------|---|--|
| Tape Size               | : | 50mm (2")  |
| Length                  | : | 16.50m   |
| Composition             | : | Single sided tape with a silicone adhesive.  |
| Total Thickness         | : | 0.559mm  |
| Adhesion on Steel       | : | 13.75N/25mm (3.14 Lbs/Inch)  |
| Tensile Strength        | : | 550 N/25mm (126 Lbs/inch)  |
| Application temperature | : | Between -73 and 260 °C (-99,4 and 500 °F)  |
| Storage and Ageing      | : | 1 year shelf life whilst stored at ambient room temperatures, keep out of direct sunlight. |

\* Values shown above are averages; each user should make his own test to determine the product suitability for his intended use and shall assume all risks and liability in connection therewith.

### APPLYING SUGGESTIONS

All substrates should be clean and contamination free, a solvent such as Isopropyl-Alcohol is recommended for cleaning purposes with the tape being applied with pressure.

**To comply with Health and Safety Legislation you are recommended to consult the SDS referring to this material.**