

Extreme high temperature thermal spray masking tape made from aluminium foil & glass fabric coated with silicone adhesive.

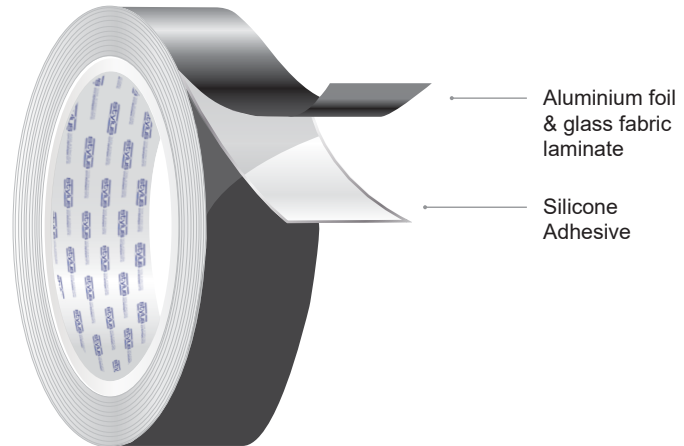


Applications

- Ideal for high temperature masking up to 260°C
- Clean edge masking
- Aircraft engine repair work
- Masking areas exposed during plasma flame spraying
- Heat shield protection for harness wraps

Benefits

- Extreme high temperature resistance
- Clean removability from most surfaces
- Excellent reflective characteristics
- Conductive properties
- Silicone adhesive provides excellent adhesion when exposed to high temperatures
- Chemical resistant adhesive
- Available in a variety of widths
- Engine Manufacturer Approvals:
 - Pratt & Whitney (PMC # 4235)
 - Rolls-Royce Aero Repair (OMAT 2/205)
 - General Electric (C10-12)
 - Lockheed Martin (J505)



Technical Data

• Adhesive power	★★★★	• Colour	Silver
• Total thickness - um	70	• Outdoor rating	Not suitable
• Tensile strength - N/25mm	650	• Adhesive type	Silicone
• Elongation - %	< 5	• Adhesion to steel - N/25mm	11.9 - 22.2
• Temperature Resistance - °C	-73.3 to 260	• Backing material	Aluminium foil & glass fabric

The above information is given in good faith for guidance only and not specification purposes. All data is based upon average values, the Purchaser shall be responsible for determining the suitability of this product for their purposes.



TAPES INTERNATIONAL

ADHESIVE TAPE SPECIALISTS

Recommended Storage Conditions

Product must be kept in its original box and packaging in a dry atmosphere away from direct sunlight. The optimal storage conditions for this product is between 18°C - 22°C with a relative humidity of 40% - 50%.

Material Safety Data Sheet

MSDS can be downloaded from Stylus Tapes website www.stylustapes.com.au

Recommended Cleaning & Installation Procedures

STEP 1 - SURFACE EVALUATION:

There are numerous types of adhesive tapes, some suited to a variety of uses and others for more specialised individual applications. A thorough evaluation is recommended when bonding to any surface. Porous surfaces such as wood, concrete & brick should be smooth & sealed with an appropriate sealer prior to application. All adhesive tapes should only be applied to clean & dry surfaces. There are various methods of preparation depending on the surface and/or application. For technical advice we recommend you speak with our local sales office. Surfaces must be free of:

- Any Contaminants
- Moisture & Chemical Residue
- Dust, Fibres, Concrete Powders, Sand, Soil & Dirt Particles
- O.E.M. Cleaners, Grease, Wax, Detergent & Release agents on plastic profiles/extrusions etc
- Flaking Paint & Corrosion

STEP 2 - CLEANING INSTRUCTIONS:

The surface being applied to should be prepared with an appropriate cleaning solution, preferably IPA (Isopropanol) using a clean lint-free wiping cloth or disposable wipe (never re-cycled rags). Renew cleaning cloths regularly. (Applications involving paper, board, fabric etc do not require IPA cleaning) This should be performed immediately prior to application of adhesive tape. When using any cleaning solutions it is recommended to test a small area to ensure there is no reaction/discolouration with the surface. It is important to note that all painted/sealed surfaces should be completely dry/cured. (Refer to manufactures recommendations).

STEP 3 - INSTALLATION PROCESS:

Once the surface has been adequately prepared tape application can commence. Care should be taken to avoid finger contact with adhesive. The portion of tape held by your fingers should overlap the area being applied to & trimmed, as finger contact with any adhesive tape will significantly reduce its performance. Both single & double sided tapes require sufficient rub down pressure to ensure 100% surface contact. Where double sided tapes are being used pressure must be re-applied after both surfaces have been brought together. Surface temperature should be above 10°C at time of application. (Use some heat if necessary - Hair Dryer, Fan Heater etc.).

NB. Storage – Ensure all tapes are stored in clean/dry condition & returned to the protective bag between use.

SPECIAL NOTE: Adhesive Bond Strength will improve with time varying from a few hours to 2-3 days depending on the adhesive tape product used & climactic conditions.

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