

Adding more to adhesive tape

# AEROSPACE RANGE

2024/25



Advance Tapes, a UK  
leading manufacturer and  
supplier of high quality  
adhesive tapes





# ADHESIVE TAPES FOR THE AEROSPACE INDUSTRY

Advance Tapes has been supplying professional markets for over 60 years and has developed an extensive knowledge of the industry requirements. Our products combine strength, flexibility, safety, chemical resistance and reliability to help professionals on site do their job efficiently.

Our tapes are used far and wide across the aerospace industry, from aircrafts to the manufacturing of space equipment, our tapes are designed by professionals, for professionals.

## AT7 - PVC Electrical Insulation Tape

A superior quality fire retardant, self extinguishing insulation tape suitable for general electrical insulation work.

### Features and Benefits

- Flame retardant and self-extinguishing
- Easy unwind and tear
- UV resistant
- Available in colour-coding packs
- Wide range of colours

### Applications

- Colour coding, general protection and insulation of electrical components and wiring.
- Cable management and bundling.
- Masking off aircraft landing gear when cadmium plating.
- Masking and protection of aircraft portholes.



Technical Data Sheet



## AT30 - Polythene Tape

This polythene tape is great to use all year round thanks to strong resistance to water and abrasion.

### Features and Benefits

- Easy unwind
- Conformable
- Extreme temperature resistance
- Water resistant
- Abrasion resistant

### Applications

- Strapping of aluminium tubing.
- Joining and sealing polyethylene sheeting.
- Manual splicing of films within the plastics industry including core starting and end tabbing.



Technical Data Sheet



## AT44 - Low Tack PVC Protection Tape

This versatile protection tape offers protection from dust and scratches and guarantee extra resistance to abrasion, impact, water and UV.

### Features and Benefits

- Low tack
- Clean peel from most surfaces\*
- Flame retardant Conformable
- Water and UV resistant
- Abrasion resistant

### Applications

- Outdoor protection and masking, especially where risk of fire is an issue.
- Aluminium extrusions protection.



Technical Data Sheet





## AT160 - Premium Quality Matt Waterproof Cloth Tape

Suitable for long term outdoor exposure, this tape offers high resistance against adverse weather conditions.

### Features and Benefits

- Very strong
- Conformable
- Water resistant
- Abrasion and puncture resistant
- Very good long term resistance to outdoor exposure

### Applications

- Protection of turbine blades during refurbishment.
- Joining heavy duty polyethylene sheeting.
- Insulation protection.

Technical Data Sheet



## AT180 - Premium Industrial Waterproof Cloth Tape

A highly versatile, premium cloth tape that performs exceptionally well in external environments with a wide temperature range.

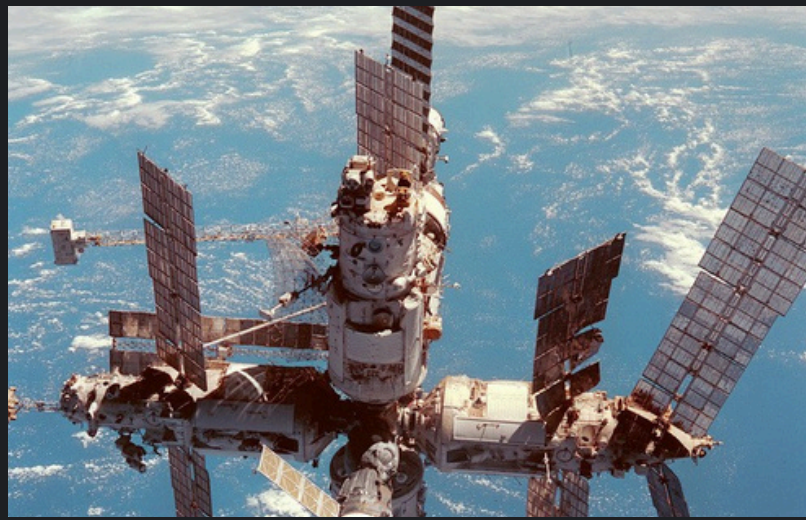
### Features and Benefits

- Strong
- High tack
- Very long term outdoor exposure
- Conformable
- Abrasion Resistant
- Water Resistant

### Applications

- Sealing parts onto vacuum beds during machining.
- Masking off during shot-blasting.

Technical Data Sheet



## AT506 - 50 Micron Aluminium Foil Tape

AT506 is a 50 micron aluminium foil tape, that is backed with a strong polyethylene coated release paper. This tape is flame retardant giving a very safe performance where risk of fire is an issue.

### Features and Benefits

- Flame retardant
- High temperature resistant
- Easy tear
- Easy unwind
- Water resistant

### Applications

- Heavy duty masking tape.
- Patch tape for temporary repair.
- Sealing metal or plastic ducting.

Technical Data Sheet



## AT2002 - High Specification Flame Retardant Cloth Tape

Ideal for many aerospace, applications, the tape offers extra performance against abrasion and water. AT2002 can be applied easily to smooth or uneven surfaces.

### Features and Benefits

- Flame retardant - conforms to FAR 25.853
- Clean peel from most surfaces\* up to 4 days at +50°C
- Excellent adhesion level
- Water resistant
- Abrasion resistant

### Applications

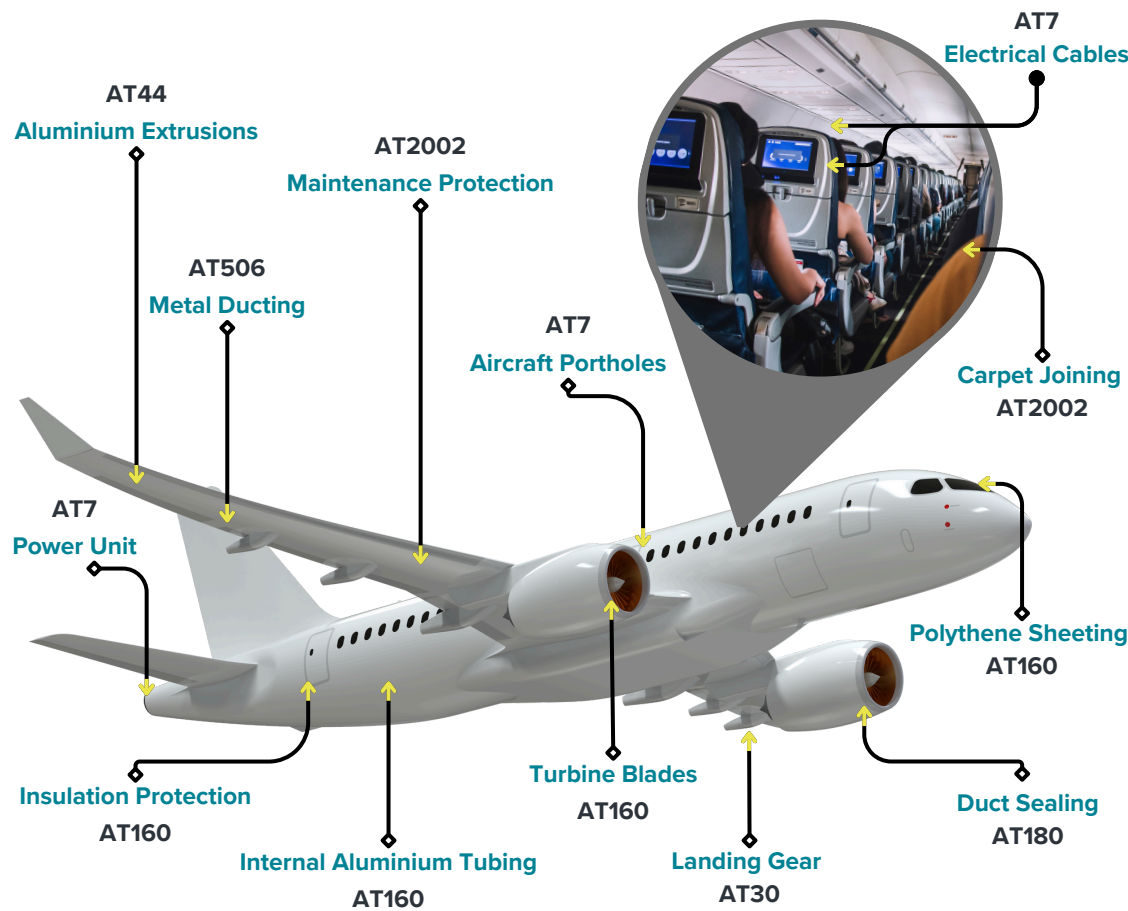
- Protection and joining during maintenance of aircrafts.
- Sealing gaps between flame retardant panels.
- Under carpet jointing tape.
- Insulation protection.

Technical Data Sheet



# TAPES IN AIRCRAFT PRODUCTION

# PRODUCT INFO



## AT7 - PVC Electrical Insulation Tape

AT7 is a high quality, flame retardant electrical insulation tape. With high versatility, AT7 can be used across various areas in production and maintenance of the aerospace industry.

Thanks to its features and benefits, AT7 is a leading tape for all your aerospace needs.

AT7 Conforms to [BS EN 60454/Type 2](#).

## AT30 - Polythene Tape

AT30 is designed to withstand extreme temperatures. Not only that, but it also offers top level resistance to water and abrasion, perfect for all year-round use in both internal and external facilities.

AT30 conforms to the [Military Defence Standard](#), DEF STAN 81-145/1 (formerly DEF STAN 75-1).

## AT44 - Low Tack PVC Protection Tape

AT44 is another flame retardant tape which combined with its other properties, makes it a fantastic protection tape.

Due to its low tack adhesive, the tape can be removed and repositioned without any residue, and continue to maintain its impressive properties.

AT44 is an essential for all industrial use.

## AT160 - Premium Matt Waterproof Cloth Tape

AT160 is a perfect tape to battle the elements. Suitable for adverse weather, abrasion, punctures and water, this tape is in an upper bracket of quality.

This tape is suitable for many applications in the aerospace industry.

AT160 conforms to [DEF. STAN. 81-145 2a](#).

## AT180 - Premium Industrial Waterproof Cloth Tape

AT180 is a premium cloth tape that adheres very well against the a wide temperature range (-50°C to +80°C).

The tape can be used for high temperature duct sealing.

AT180 conforms to [DEF STAN reference 81-145 2a](#)

## AT2002 - Flame Retardant Cloth Tape

AT2002 is another flame retardant tape that is capable of self extinguishing. Ideal for the aerospace industry, this tape can be applied to smooth and uneven surfaces with clean peel from most surfaces for up to 4 days at 50°C.

It meets [Federal Aviation Regulation FAR 25.853 \(a\)](#) covering [flame retardancy](#). The tape is safe to use in various aircraft. The specification is printed for easy identification.

## AT506 - 50 Micron Aluminium Foil Tape

AT506 is a aluminium tape that offers a very safe performance where risk of fire is an issue. Meeting various specifications, it offers top end performance and durability, even against extreme temperatures.

AT506 conforms to:  
[BS476 Part 6 & Part 7 Category 1 - Fire Class M1 Class O](#)

# Why Advance Tapes?



## EXCELLENT CUSTOMER SERVICE

Advance prides itself in understanding exact customer requirements and works hard to deliver excellent service for every order.



93.6% OTIF

Average service performance  
(On Time In Full)

## Contact us!

Call: 00 44 (0)116 251 0191

Email: [sales@advancetapes.com](mailto:sales@advancetapes.com)

[www.advancetapes.com](http://www.advancetapes.com)



99.2% CUSTOMER SATISFACTION

Our average level of customer satisfaction in  
2023 for the group



Disclaimer: Tape performance in multiple applications can be affected by various factors. These factors are often not within the control of Advance Tapes. Having better knowledge and control of individual applications and method of use, end users of the product are responsible for evaluating the suitability for a particular application and to ensure that any specifications are met as required to ensure that the product is fit for the purpose. Customers should satisfy themselves that the tape is suitable for their requirements in a particular application prior to use.

