Adding more to adhesive tape

AEROSPACE RANGE

2027/28



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

ADVANCE

PROFESSIONAL QUALITY TAPES DESIGNED FOR THE AEROSPACE INDUSTRY

AT7 - PVC Electrical Insulation Tape

Features
- Flame retardant and self-extinguishing
- Easy unwind and tear
- UV resistant
- Available in colour coding packs

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.

Adhesive type
Cross-linked solvent based rubber-resin

Technical
Thickness: 0.13 mm
Breaking load: 26 N/cm
Elongation: 180%
Adhesion to Steel: 2.4 N/cm
Adhesion to Self: 2.1 N/cm
Service Temp: -5°C to +70°C
Breakdown voltage: 8kV
RoHS Compliant: Yes

Specification
Conforms to BS EN 60454/Type 2

Standard colours



AT30 - Polythene Tape

Features
- 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.

Adhesive type
Solvent based rubber-resin

Technical
Thickness: 0.15 mm
Breaking Load: 16 N/cm
Elongation: 300%
Adhesion to Steel: 3.5 N/cm
Adhesion to Self: 2.2 N/cm
Service Temperature: -40°C to +90°C
RoHS Compliant: Yes

Specification
Conforms to DEF. STAN. reference 81-145 / 1

Standard colours



AT44 - Low Tack PVC Protection Tape

Features
- 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.

Adhesive type
Solvent based rubber-resin

Technical
Thickness: 0.13 mm
Breaking Load: 23 N/cm
Elongation: 150%
Adhesion to Steel: 0.3 N/cm
Service Temperature: 0°C to +60°C
RoHS Compliant: Yes

Standard colour



Find out more information : www.advancetapes.com

PROFESSIONAL QUALITY TAPES DESIGNED FOR THE AEROSPACE INDUSTRY

AT160 - High Specification Waterproof Cloth Tape

Features

- 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.

Adhesive type

Solvent free rubber - resin

Technical

Thickness: 0.33 mm
Breaking Load: 85 N/cm
Elongation: 8%
Adhesion to Steel: 3.5 N/cm
Adhesion to Self: 2.2 N/cm
Service Temperature: -50°C to +80°C
RoHS Compliant: Yes

Specification

DEF STAN reference 81-145 2a

Standard colours





AT2002 - High Specification Flame Retardant Cloth Tape

Features

- 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.
- Sealings gaps between flame retardant panels.
- Under carpet jointing tape.
- Insulation protection.

Adhesive type

Solvent free rubber - resin

Technical

Thickness: 0.23 mm
Breaking load: 38 N/cm
Elongation: 45%
Adhesion to Steel: 6.0 N/cm
Adhesion to Self: 4.5 N/cm
Service Temperature: -10°C to +60°C
RoHS Compliant: Yes

Specification

FAR 25.853 AT2002 meets Federal Aviation specification covering flame retardancy.

Standard colour





AT506 - 50 Micron Aluminium Foil Tape

Features

- 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.

Adhesive type

Dispersion Acrylic

Technical

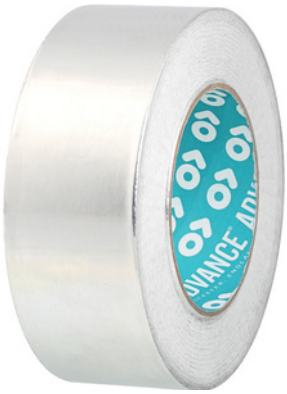
Thickness: 0.09 mm
Breaking Load: 35 N/cm
Elongation: 11%
Adhesion to Steel: 4.0 N/cm
Service Temperature: -40°C to +110°C
RoHS Compliant: Yes

Specification

BS476 Part 6 and 7 Category 1
Fire Class M1 and Class 0

Standard colour





* We would always recommend that users should satisfy themselves that the product is suitable for a particular application prior to use.

ADVANCE

AT180 - Premium Industrial Waterproof Cloth Tape

Features

- Strong
- High tack
- Very long term outdoor exposure
- Clean peel from most surfaces*
- Water resistant
- Abrasion resistant

Applications

- Masking off during shot blasting.
- High temperature duct sealing.
- Windmill blade protection.
- Protection of titanium body part replacements.
- Sealing parts onto vacuum beds during machining.

Adhesive type

Solvent free rubber-resin

Technical

Thickness: 0.28 mm
Breaking Load: 65 N/cm
Elongation: 30%
Adhesion to Steel: 4.5 N/cm
Adhesion to Self: 3.0 N/cm
Service Temperature: -50°C to +80°C
RoHS Compliant: Yes

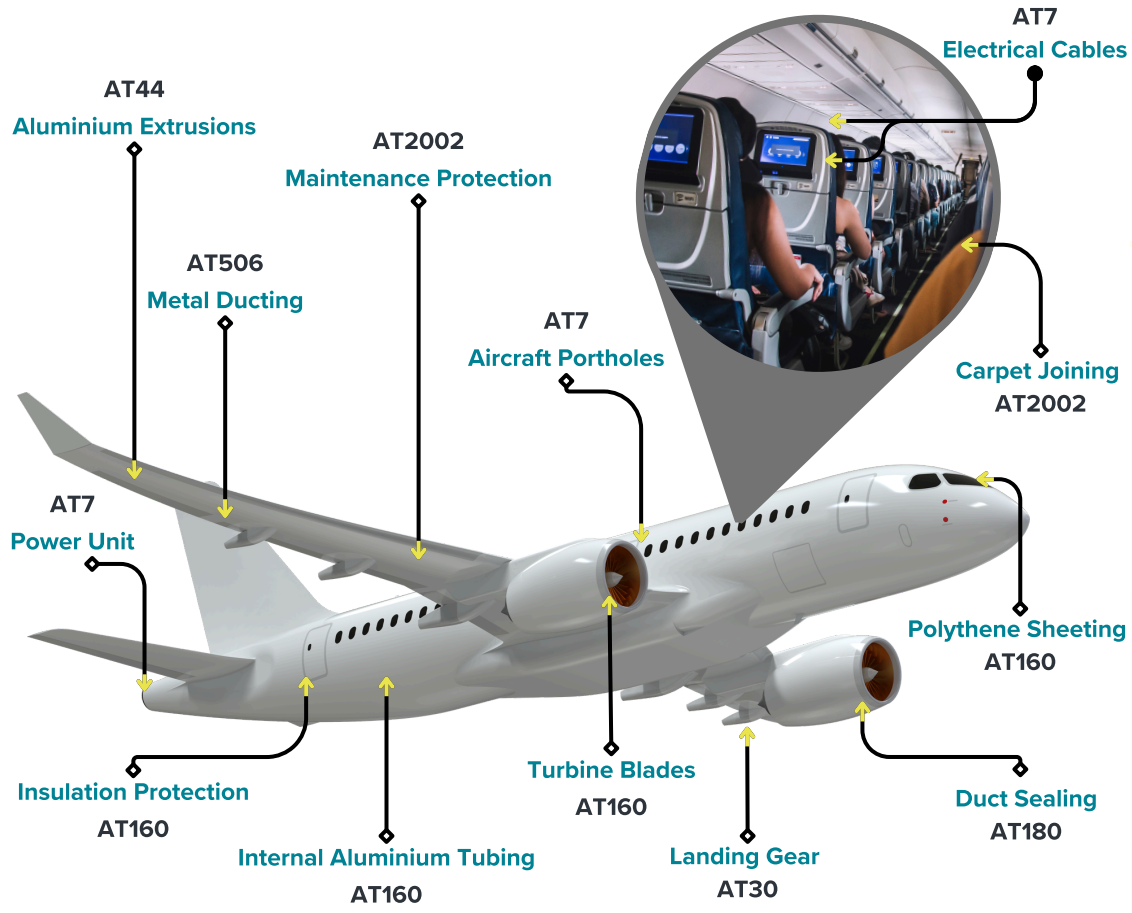
Specification

Conforms to DEF. STAN. reference 81-145 2a

Standard colours



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.

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

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

DISTRIBUTED BY

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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 for identifying 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.