

Adding more to adhesive tape

# HEVAC PRODUCT RANGE

2026/27



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





# PROFESSIONAL QUALITY HEVAC TAPES

Advance Tapes is well represented within the Heating, Ventilation and Air Conditioning market. We manufacture a substantial range of high performance adhesive cloth and foil tapes.

These are a result of product development in conjunction with equipment manufacturers and installation engineers. Adhesive formulations have been developed to create surface bonds that increase in parallel with temperatures.

Our HEVAC adhesive tape product range offers a variety of material weights and finishes in response to the market needs.

To make it easy to select the right tape for the job, we have consolidated all key technical product information and features into one easy-to-use brochure.

The products included in this brochure are a selection from our extensive range. There are other HEVAC market products available, which can be found on our website [www.advancetapes.com](http://www.advancetapes.com)

## CLOTH TAPES - DUCT TAPES AND POLYCOATED CLOTH TAPES

AT132 - Economy Waterproof Duct Tape	03
AT163 - All Weather Duct Tape	03
AT170 - PCL Tape	03
AT171 - Polycloth Laminate Tape	04
AT172 - High Quality PCL Cloth Tape	04
AT175 - Industrial Waterproof Cloth Tape	04

## POLYTHENE AND DOUBLE SIDED TAPES

AT316 - High Performance Double Sided Polyester Tape	07
AT6102 - Polythene Protection Tape	07
AT6103 - Clear Polythene Tape	07

## PVC TAPES

AT10 - PVC Heavy Duty Pipewrap Tape	05
AT2000 - Anti Slip Tape	05
AT6000 - PVC Building Tape	05

## FOIL TAPES

AT501 - Reinforced Aluminium Foil Tape	06
AT502 / AT500 / AT506 - Aluminium Foil Tapes	06
AT510 - Matt Black Foil Tape	06

## FILMIC TAPES - ELECTRICAL INSULATION TAPES AND SAFETY TAPES

AT7 - PVC Electrical Insulation Tape	08
AT87 - Polyisobutylene Self Amalgamating Tape	08



## AT132 - Economy Waterproof Duct Tape

### Features

-  Very high tack
-  Easy tear
-  Tight unwind
-  Abrasion resistant
-  Water resistant
-  Conformable
-  Clean peel

### Applications

- Sealing disposable workwear at joins e.g. around gloves and facemasks.
- Sealing bags of waste.
- Sealing around negative pressure ducting.

### Technical

Thickness: 0.17 mm  
 Breaking Load: 35 N/cm  
 Elongation: 18%  
 Adhesion to Steel: 4.0 N/cm  
 Adhesion to Self: 3.0 N/cm  
 Service Temperature: -50°C to +65°C  
 RoHS Compliant: Yes

### Standard colours



### Adhesive type

Solvent free rubber-resin



## AT163 - All Weather Duct Tape

### Features

-  Strong
-  High tack
-  Thermosetting adhesive
-  Clean peel from most surfaces\* up to +110°C
-  Conformable
-  Water and salt water resistant
-  Abrasion resistant

### Applications

- Joint sealing on metal or plastic ducting
- High temperature duct sealing

### Adhesive type

Solvent free rubber-resin

### Technical

Thickness: 0.30 mm  
 Breaking Load: 70 N/cm  
 Elongation: 30%  
 Adhesion to Steel: 7.4 N/cm  
 Adhesion to Self: 3.2 N/cm  
 Service Temperature: -50°C to +110°C  
 RoHS Compliant: Yes

### Standard colour



## AT170 - PCL Tape

### Features

-  Strong
-  High tack
-  Easy unwind and easy tear
-  Water resistant
-  Abrasion resistant

### Applications

- Joining and sealing polyethylene sheeting.
- Sealing bags.

### Adhesive type

Solvent free rubber-resin

### Technical

Thickness: 0.20 mm  
 Breaking Load: 35 N/cm  
 Elongation: 20%  
 Adhesion to Steel: 3.7 N/cm  
 Adhesion to Self: 2.3 N/cm  
 Service Temperature: -50°C to +65°C  
 RoHS Compliant: Yes

### Standard colours



## AT171 - Polycloth Laminate Tape

### Features

-  Very high initial tack
-  Easy tear and unwind
-  Good abrasion resistance
-  Water resistant finish
-  Conformable to awkward shapes

### Applications

- Joining and sealing protection sheeting
- Installing airlocks in enclosures
- Sealing waste bags
- Standard tape for ducting pipes

### Adhesive type

Solvent free rubber-resin

### Technical

Thickness: 0.18 mm  
 Breaking load: 30 N/cm  
 Elongation: 15%  
 Adhesion to steel: 3.7 N/cm  
 Adhesion to self: 2.3 N/cm  
 Service temperature: -50°C to +65°C  
 RoHS compliant: Yes

### Standard Colours



## AT172 - High Quality PCL Cloth Tape

### Features

-  Very high tack
-  Easy tear
-  Conformable
-  Abrasion and puncture resistant
-  Water resistant

### Applications

- Sheeting up, sealing overalls, sealing waste bags and general use.
- Maintaining, repairing, joining, sealing, masking or protecting many surfaces and materials.
- AT172 can be used across various applications where a high tack and abrasion resistant cloth tape is required.

### Adhesive type

Solvent free rubber-resin

### Technical

Thickness: 0.30 mm  
 Breaking Load: 36 N/cm  
 Elongation: 30%  
 Adhesion to Steel: 4.0 N/cm  
 Adhesion to Self: 3.0 N/cm  
 Service Temperature: -50°C to +65°C  
 RoHS Compliant: Yes

### Standard colours



## AT175 - Industrial Waterproof Cloth Tape

### Features

-  Very high tack
-  Easy unwind and easy tear
-  Clean peel from most surfaces\*
-  Conformable
-  Water resistant
-  Abrasion resistant

### Applications

- Strapping lagging foam for sound proofing
- Sealing metal and plastic ducting.

### Adhesive type

Solvent free rubber-resin

### Technical

Thickness: 0.23 mm  
 Breaking Load: 32 N/cm  
 Elongation: 24%  
 Adhesion to Self: 5.5 N/cm  
 Adhesion to Steel: 3.5 N/cm  
 Service Temperature: -50°C to +80°C  
 RoHS Compliant: Yes

### Standard colours



## AT10 - PVC Heavy Duty Pipewrap Tape

### Features

-  Flame retardant and self-extinguishing
-  Conformable
-  Water and UV resistant
-  Abrasion resistant

### Applications

- Corrosion and abrasion protection for pipework.
- Barrier tape to prevent corrosion between dissimilar metals

### Adhesive type

Cross-linked solvent based rubber-resin

### Technical

Thickness: 0.25 mm  
 Breaking Load: 44 N/cm  
 Elongation: 220%  
 Adhesion to Steel: 3.3 N/cm  
 Adhesion to Self: 3.0 N/cm  
 Service Temperature: -5°C to +80°C  
 Breakdown Voltage: 10 kV  
 RoHS Compliant: Yes

### Specification

Conforms to BS EN 60454-3-1 Type 2

### Standard colour



## AT2000 - Anti Slip Tape

### Features

-  Durable PVC
-  Can be walked on immediately after application
-  Water, UV and oil resistant
-  For indoor and outdoor use
-  Acrylic adhesive - bond improves with age

### Applications

- Anti slip tread on stairs and ladder treads.
- For use on wet or slippery areas.
- Provides extra grip on ramps and walkways.

### Adhesive type

Solvent based acrylic

### Technical

Thickness: 1.0 mm  
 Breaking Load: 40 N/cm  
 Elongation: 100%  
 Adhesion to Steel: 4.0 N/cm  
 Service Temperature: -5°C to +50°C  
 RoHS Compliant: Yes

### Standard colours



## AT6000 - PVC Building Tape

### Features

-  Very easy unwind and easy tear
-  Clean peel from most surfaces
-  Can be unwound from the roll without stretching the tape
-  UV & water resistant
-  For indoor and outdoor use

### Applications

- Joining protection sheets
- Bundling materials for safer handling
- Masking off during building and installation work
- Sealing bags and pallet wrapping to protect from weather

### Technical

Thickness: 0.11 mm  
 Breaking load: 20 N/cm  
 Elongation: 120%  
 Adhesion to Steel: 2.0 N/cm  
 Adhesion to Self: 0.6 N/cm  
 Service Temperature: -5°C to +60°C  
 RoHS Compliant: Yes

### Standard colours



### Adhesive type

Cross-linked solvent based rubber - resin



## AT501 - Reinforced Aluminium Foil Tape

### Features

- ✓ Scrim reinforced for greater strength
- 🔥 Flame retardant
- 🌡️ Resistant to high and low temperatures
- 🚰 Water resistant

### Applications

- Joining foil faced insulation panels and pipe sections.
- Joining fibre insulation between the internal skin and fuselage of aircraft.
- Sealing joints in metal ducting.

### Adhesive type

Dispersion acrylic

### Technical

Thickness: 0.14 mm  
 Breaking Load: 45 N/cm  
 Elongation: 5%  
 Adhesion to Steel: 6 N/cm  
 Service Temperature: -40°C to +120°C

### Specification

BS476 Class 0 can be achieved with this product when used in conjunction with other suitable products.

### Standard colour



## AT502 / AT500 / AT506 - Aluminium Foil Tapes

### Features

- 🔥 Flame retardant and self-extinguishing
- 🌡️ Resistant to high temperatures
- ➡️ Easy unwind and tear
- 💧 Excellent water vapour resistance
- ✓ Available in different foil thickness: AT502 (30 micron), AT500 (40 micron) and AT506 (50 micron)

### Applications

- Sealing metal or plastic ducting.
- Insulation of heater casings and high pressure steam pipe insulation.
- Sealing cold store insulation.
- Heat reflection.

### Adhesive type

Dispersion acrylic

### Technical

Service Temp: -40°C to +110°C

### Specification

Conforms to: - BS476 Part 6 & Part 7  
 Category 1 - Fire Class M1 - Class O

### Standard colour



## AT510 - Matt Black Foil Tape

### Features

- ✓ Matt non-reflective finish
- 🔥 Flame retardant and self-extinguishing
- 🌡️ Excellent temperature range
- ➡️ Very easy unwind and tear
- 🚰 Water resistant in situ
- ✂️ Conformable to awkward shapes

### Applications

- Black insulations (for airports, shops, solar panels)
- For use with solar thermal panel systems

### Adhesive type

Dispersion acrylic

### Technical

Thickness: 0.09 mm  
 Breaking Load: 35 N/cm  
 Elongation: 11%  
 Adhesion to Steel: 4.0 N/cm  
 Adhesion After Water Immersion: 4.0 N/cm  
 Service Temperature: -20°C to +150°C

### Standard colour



## AT316 - High Performance Double Sided Polyester Tape

### Features

-  Aggressive adhesive
-  Excellent short term high temperature resistance

### Applications

- Laminating to foam rubbers to make gaskets
- General mounting applications

### Adhesive Type

Solvent Acrylic

### Technical

Thickness: 0.09 mm  
 Breaking Load: 29 N/cm  
 Elongation: 110%  
 Adhesion to Steel: 6.0 N/cm  
 Adhesion to Self: 6.0 N/cm  
 Service Temperature: -40°C to +150°C  
 RoHS Compliant: Yes

### Standard colour



## AT6102 - Polythene Protection Tape

### Features

-  Easy to unwind and tear
-  Clean peel from most surfaces\*
-  Water and UV resistant
-  Frost resistant
-  Resistant to low temperatures
-  Environmentally responsible choice

### Applications

- Protection of delicate surfaces.

### Adhesive type

Dispersion acrylic

### Technical

Thickness: 0.11 mm  
 Breaking Load: 15 N/cm  
 Elongation: 200%  
 Adhesion to Steel: 1.3 N/cm  
 Service Temperature: -40°C to +60°C  
 RoHS Compliant: Yes

### Standard colour



## AT6103 - Clear Polythene Tape

### Features

-  Excellent clarity once applied
-  Clean peel from most surfaces\*
-  Resists most common solvents
-  Water and UV resistant
-  Abrasion resistant
-  Environmentally responsible choice

### Applications

- Natural stone surface protection.
- Powder coated surface protection.
- Aluminium surface protection.
- Anodised aluminium surface protection.
- Bundling of metal pieces.

### Adhesive type

Dispersion acrylic

### Technical

Thickness: 0.11 mm  
 Breaking Load: 25 N/cm  
 Elongation: 300 %  
 Adhesion to Steel: 1.3 N/cm  
 Service Temperature: -40°C to +60°C  
 RoHS Compliant: Yes

### Standard colour



# AT7 - PVC Electrical Insulation Tape

### Features

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

### Applications

- Colour coding and insulation of electrical cabling.
- Colour coding components, intermediate stock and finished goods during manufacture.

### 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 Temperature: -5°C to +70°C  
 Breakdown Voltage: 8.0 kV  
 RoHS Compliant: Yes

### Specification

Conforms to BS EN 60454/Type 2 and BS 4J10:1991

### Standard colours



### Adhesive type

Cross-linked solvent based rubber-resin

# AT87 - Polyisobutylene Self Amalgamating Tape

### Features

-  Easy unwind
-  Conformable
-  Resistant to high and low temperatures
-  Water and UV resistant
-  Ozone resistant
-  Resistant to a wide range of chemicals including, alkalis, hydraulic fluids and vegetable oils

### Technical

Thickness: 0.5 mm  
 Breaking Load: 20 N/cm  
 Elongation: 600%  
 Service Temperature: -30°C to +100°C  
 Breakdown Voltage: 17 kV/mm  
 RoHS Compliant: Yes

### Standard colour



### Applications

- Insulation and waterproofing of electrical connections.
- Temporary and emergency repair of plumbing joints.

**Advance Tapes International Ltd**  
 Westmoreland Avenue  
 Thurmaston  
 LE4 8PH, England

**Call:** 00 44 (0)116 251 0191  
**Fax:** 00 44 (0)116 265 2046  
**Email:** sales@advancetapes.com  
**www.advancetapes.com**



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.

DISTRIBUTED BY

**Advance Tapes International Ltd**  
Westmoreland Avenue  
Thurmaston  
LE4 8PH, England

**Call:** 00 44 (0)116 251 0191

**Fax:** 00 44 (0)116 265 2046

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

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



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.