Adding more to adhesive tape

HEVAC PRODUCT RANGE

2027/28



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

ADVANCE®

HEVAC

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**

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ADVANCE

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



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

Standard colour

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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.

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