



Adding more to adhesive tape

BUILDING RANGE

Issue 5

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





PROFESSIONAL QUALITY BUILDING TAPES

Advance products are used in every stage of domestic and commercial construction processes and building maintenance.

Choose from a comprehensive range of products for indoor and outdoor applications that have been developed for every trade throughout the construction process.

To be able 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 Building products available, see our website www.advancetapes.com

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AT170 - PCL Tape

Features

- Strong
- Very high initial tack
- Easy unwind and easy tear
- Water resistant
- Good abrasion resistance

Applications

- Joining and sealing polythene sheeting
- Sealing bags
- Sealing double glazing units
- Standard duct tape

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 temp: -50°C to +65°C

Available in



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

- Easy unwind and very easy tear
- Good abrasion resistance
- Good long term outdoor exposure
- Water resistant
- Writable surface
- Wide colour range

Applications

- Underlay and carpet joining and carpet edging
- Sealing metal and plastic ducting
- Masking off on metal and concrete surfaces

Adhesive type

Solvent free rubber - resin

Technical

Thickness: 0.23 mm
Breaking load: 32 N/cm
Elongation: 24%
Adhesion to Steel: 5.5 N/cm
Adhesion to Self: 3.5 N/cm
Service temp: -50°C to +80°C

Standard colours



AT30 - Polythene Tape

Features

- ➡ Easy unwind
- 💧 Water Resistant
- ❄️ Good low temperature resistance

Applications

- Damp proof membrane joining
- Joining and sealing polythene sheeting
- Reinforcing pallet wrapping films

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 temp: -40°C to +90°C

Specification

DEF STAN 81-145/1

Standard colours



AT6102 - Easy Tear Polythene Protection Tape

Features

- ➡ Easy to unwind and tear
- ✔️ Clean peel from most surfaces*
- ☀️ UV and water resistant
- ❄️ Frost resistant
- ❄️ Good low temperature resistance
- ♻️ Environmentally responsible choice

Applications

- Protection, masking and joining of sheeting to delicate surfaces during renovation
- Protection of finished goods in production or during transit

Important Note*

Tape performance is impaired if used on anodised surfaces which are not completely sealed. As a result, we recommend that you test the aluminium or stainless steel surface for suitability. We would advise you to check each new batch/ delivery of metal for suitability.

Adhesive type

Dispersion Acrylic

Technical

Thickness: 0.11 mm
Breaking load: 15 N/cm
Elongation: 200%
Adhesion to Steel: 1.3 N/cm
Service temp: -40°C to +60°C

Standard colour



AT20 - PVC Extra Heavy Duty Pipewrap Tape

Features

- 🔥 Flame retardant and self extinguishing
- 🌀 Very high abrasion resistance
- ☀️ UV & water resistant

Applications

- Corrosion and abrasion protection for pipework above or under ground

Adhesive type

Cross - linked solvent based rubber - resin

Technical

Thickness: 0.44 mm
Breaking load: 90 N/cm
Elongation: 200%
Adhesion to Steel: 3.0 N/cm
Adhesion to Self: 2.6 N/cm
Service temp: +5°C to +80°C
Breakdown Voltage: 12 kV

Standard colour



AT66 - PVC Protection Tape

Features

- ✓ Clean peel from most surfaces up to 4 weeks after application
- ✓ Lowstretch
- ✓ UV and water resistant
- ✓ Good low temperature resistance
- ✓ Also available AT68 Ribbed PVC Protection Tape.

Applications

- Protection, masking and joining of sheeting to surfaces during decorating and renovation

Adhesive type

Cross-linked solvent based rubber - resin

Technical

Thickness: 0.13 mm
 Breaking load: 26 N/cm
 Elongation: 140%
 Adhesion to Steel: 1.7 N/cm
 Adhesion to Self: 1.7 N/cm
 Service temp: -5°C to +60°C

Standard colours



AT88 - PVC Shuttering Tape

Features

- ✓ Can be used on dusty, uneven and oily surfaces
- ✓ UV and water resistant
- ✓ Good abrasion resistance

Applications

- Sealing of shuttering moulds and formwork boxes

Adhesive type

Cross - linked solvent based rubber - resin

Technical

Thickness: 0.16 mm
 Breaking load: 22 N/cm
 Elongation: 125%
 Adhesion to Steel: 3.0 N/cm
 Adhesion to Self: 3.0 N/cm
 Service temp: -5°C to +75°C

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 wood and other materials for safer handling
- Masking off during building work
- Sealing bags and pallet wrapping to protect from weather

Adhesive type

Cross-linked solvent based rubber - resin

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 temp: -5°C to +60°C

Standard colours



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
- Insulation of electrical cabling

Adhesive type

Cross-linked solvent based rubber resin

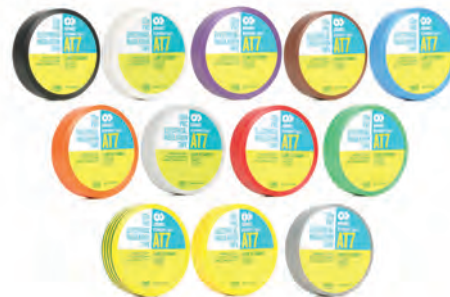
Technical

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

Specification

Conforms to BS EN 60454/Type 2

Standard colours



AT8 / AT8H - Lane Marking Tape & Hazard Warning Tape

Features

- Very high level of adhesion
- Low stretch PVC
- Good abrasion resistance
- Can be walked on immediately after application
- UV & water resistant
- For indoor and outdoor use

Applications

- Demarcation of gangways within factories and warehouses.
- Directional marking out of floors in hospitals, schools and other public buildings.
- BLACK/YELLOW: Radioactive substances, Width and height restrictions, Moving equipment and obstructions.
- RED/WHITE: Firefighting equipment, No smoking areas, Flammable substances.
- GREEN/WHITE: Safety equipment, First aid points, Emergency escape routes, Safe areas.

Adhesive type

Cross-linked solvent based rubber - resin

Technical

Thickness: 0.14 mm
Breaking load: 26 N/cm
Elongation: 150%
Adhesion to Steel: 3.5 N/cm
Adhesion to Self: 2.5 N/cm
Service temp: 0°C to +60°C

Standard colours



AT2000 - Anti Slip Tape

Features

- Durable PVC
- Easily to apply and can be walked on immediately
- UV, water and oil resistant
- For indoor and outdoor use
- Acrylic adhesive - bond improves with age

Applications

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

Adhesive type

Solvent acrylic

Technical

Thickness: 1.0 mm
Breaking load: 40 N/cm
Elongation: 100%
Adhesion to Steel: 4.0 N/cm
Service temp: -5°C to +50°C

Standard colours



AT320 - Double Sided PVC Mounting Tape

Features

- ✓ Easy tear
- ✓ Flexible

Applications

- Vapour control application, to temporarily hold down the membrane before main fix
- Permanently fitting rubber backed and latex dipped carpets and underlays

Adhesive type

Synthetic rubber - resin

Technical

Thickness: 0.17 mm
 Breaking load: 30 N/cm
 Elongation: 230%
 Adhesion to steel - Faced Side: 9.0 N/cm
 Adhesion to steel - Unfaced Side: 9.0 N/cm
 Service temp: -10°C to +50°C

Standard colour



AT6300 - 60°C Paper Masking Tape

Features

- ✓ Clean peel up to 3 Hours
- ✓ Low Tack and Repositionable
- ✓ Conformable
- ✓ Easy unwind and tear

Applications

- Masking off during decorating, drilling or spraying
- Temporary bundling

Adhesive type

Solvent based rubber-resin

Technical

Thickness: 0.11 mm
 Breaking load: 30 N/cm
 Elongation: 9%
 Adhesion to Steel: 3.8 N/cm
 Service temp: 0°C to +60°C

Standard colour



AT502 / AT500 / AT506 - Aluminium Foil Tapes

Features

- ✓ Flame retardant and self-extinguishing
- ✓ Good high temperature resistance
- ✓ Easy unwind and tear
- ✓ Excellent water vapour resistance
- ✓ Available in different foil thickness: AT502 (30 micron), AT500 (40 micron) and AT506 (50 micron)

Applications

- Joining foil faced, glass fibre or Rockwool
- Sealing metal or plastic ducting
- Insulation of heater casings and high pressure steam pipe insulation
- Sealing double glazing units
- Sealing cold store insulation
- Heat reflection

Adhesive type

Dispersion acrylic

Technical

Service temp: -40°C to +110°C

Specifications

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

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.