

Adding more to adhesive tape

AEROSPACE RANGE

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



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



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



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
www.advancetapes.com



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