

Adding more to adhesive tape

ELECTRICAL RANGE

2024/25



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 during chemical and electro-plating.
- Cable harnessing, insulation, abrasion protection for OEM companies in household appliances market.

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



AT10 - PVC Heavy Duty Pipewrap Tape

Features

- 🔥 Flame retardant and self-extinguishing
- 🌀 Conformable
- 💧 Water and UV resistant
- 🌀 Abrasion resistant

Applications

- Underground cable sealing system.
- Sealing and hooping of submerged energy cables.
- Corrosion and abrasion protection for pipework above or under ground.

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



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
- Sealing and hooping of submerged energy cables
- Underground cable sealing system.

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



AT79 - High Performance Polythene Self Amalgamating Tape

Features

- ➔ Easy unwind
- ↻ Conformable
- 🌡️ Resistant to high and low temperatures
- ☔ Water and UV resistant
- 🏠 Suitable for outdoor use
- ✔️ Resistant to a wide range of chemicals including, alkalis, hydraulic fluids and vegetable oils

Applications

- Insulation and waterproofing of electrical connections.

Technical

Thickness: 0.75 mm
Breaking Load: 12 N/cm
Elongation: 600%
Service Temperature: -35°C to +130°C
Breakdown Voltage: 34 kV/mm
RoHS Compliant: Yes

Standard colour



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

Applications

- Insulation and waterproofing of electrical connections.
- Sealing satellite dish cabling

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



AT4002 - Glass Cloth Tape Class F 155 °C

Features

- ✔️ High mechanical strength
- 🌡️ High temperature resistance
- 🔗 Thermosetting adhesive
- ✔️ Conforms to BS EN 60454-3-8 Type 1

Applications

- Electrical insulation of coils.
- Insulation of square conductors in traction motors and generators.
- Tensional strapping of coils and armature windings.
- Termination building to protect the external layer of winding.

Adhesive type

Thermosetting solvent based rubber-resin

Technical

Thickness: 0.18 mm
Breaking Load: 280 N/cm
Elongation: 5%
Adhesion to Steel: 3.0 N/cm
Breakdown Voltage: 2.5 kV
RoHS Compliant: Yes

Specification

Recognised by UL. BS EN 60454-3-8 Type 2

Standard colour



DISTRIBUTED BY

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