Adding more to adhesive tape

# DEFENCE TAPE RANGE

2027/28



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

ADVANCE

DEFENCE

# PROFESSIONAL QUALITY DEFENCE TAPES

Advance Tapes has been well represented across the defence sector for over 50 years. We manufacture a substantial range of high performance adhesive tapes that are used around the world across a series of different use cases and applications.

These are a result of product development in conjunction with manufacturers and maintenance teams. Adhesive formulations have been developed to create surface bonds that increase in parallel with temperatures and meet the DEF STAN certification.

Our Defence 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 is more information for the market products available, which can be found on our website **www.advancetapes.com**


CONFORMS TO DEF STAN. 81-145/3

AT27 - Translucent Repair Tape 03

CONFORMS TO DEF. STAN. 81-145 / 1

AT30 - Polythene Tape 03

CONFORMS TO DEF. STAN. 81-145/2

AT121 - Rayon Cloth Tape 03

Conforms to DEF. STAN. 81-145 2a

AT160 - Premium Quality Matt Waterproof Cloth Tape 04

Conforms to DEF. STAN. 81-145 2a

AT180 - Premium Industrial Waterproof Cloth Tape 04

# AT27 - Translucent Repair Tape

**Features**
- Translucent
- Flame retardant and self extinguishing
- Conformable
- High temperature resistant
- Water and UV Resistant
- Abrasion Resistant

**Applications**
- Temporary holding of rivets during aircraft maintenance and repair
- Protection of documents and maps
- Protection of painted surfaces
- Protection of labels in extreme environments

**Adhesive type**
Solvent based rubber-resin

**Technical**
Thickness: 0.15 mm
Breaking Load: 26 N/cm
Elongation: 130%
Adhesion to Steel: 3.5 N/cm
Adhesion to Self: 2.8 N/cm
Service Temperature: 0°C to +70°C
RoHS Compliant: Yes

**Specification**
Conforms to DEF STAN. reference 81-145/3

**Standard colour**



# AT30 - Polythene Tape

**Features**
- Easy unwind
- Conformable
- Extreme temperature resistance
- Water resistant
- Abrasion resistant

**Applications**
- Joining and sealing polyethylene sheeting.
- Waterproofing and sealing

**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**



# AT121 - Rayon Cloth Tape

**Features**
- Biodegradable
- Strong
- Abrasion resistant
- Conformable
- Writable surface

**Applications**
- Strapping of equipment handles
- Binding of nylon cords on military parachutes
- Reinforcement and sealing
- Abrasion protection

**Adhesive type**
Solvent free rubber-resin

**Technical**
Thickness: 0.25 mm
Breaking Load: 75 N/cm
Elongation: 10%
Adhesion to Steel: 3.5 N/cm
Service Temperature: -10°C to +60°C
RoHS Compliant: Yes

**Specification**
Conforms to DEF. STAN. reference 81-145 / 2

**Standard colour**



# AT160 - Premium Quality Matt Waterproof Cloth Tape

**Features**
- Very strong
- Conformable
- Water resistant
- Abrasion and puncture resistant
- Very good long term resistance to outdoor exposure
- Wide colour range

**Applications**
- Protection of turbine blades during refurbishment.
- Joining heavy duty PE sheeting.
- Abrasion and damage protection
- Waterproofing

**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**
Conforms to DEF. STAN. reference 81-145 2a

**Standard colours**




# AT180 - Premium Industrial Waterproof Cloth Tape

**Features**
- Strong
- High tack
- Very long term outdoor exposure
- Clean peel from most surfaces
- Water resistant
- Abrasion resistant

**Applications**
- Masking off during cleaning.
- Abrasion and damage protection of equipment.
- Temporary repairs.
- To create waterproof closures around containers.

**Adhesive type**
Solvent free rubber-resin

**Technical**
Thickness: 0.28 mm
Breaking Load: 65 N/cm
Elongation: 30%
Adhesion to Steel: 4.5 N/cm
Adhesion to Self: 3.0 N/cm
Service Temperature: -50°C to +80°C
RoHS Compliant: Yes

**Specification**
Conforms to DEF. STAN. reference 81-145 2a

**Standard colours**




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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.

DISTRIBUTED BY

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MADE IN BRITAIN

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