

PROCLAD PLUS Tape™

Premium 2 or 4 Ply Aluminium Foil Tape For PROCLAD Jacketing

Product Description

PROCLAD PLUS Tape™ is a premium aluminium foil jointing tape available in 2 or 4 ply variants recommended for use with ProTech Global Ltd, premium PROCLAD™ range of jacketing systems.

This premium grade tape, constructed to the highest of specifications and coated with a strong, reliable, acrylic adhesive with highly conformable characteristics provides the smoothest of seals, which helps to impart both a weather proof finish as well as a vapour seal; maintaining insulation efficiency by protecting against the effects of fire, moisture and dust.

PROCLAD PLUS Tape™ is designed for both internal and external conditions, with the outer layer being UV resistant.

Product Data

| Item | 2 Ply | 4 Ply | Standard |
|----------------------------------|--------------------------|--------------------------|--------------|
| Adhesive | Acrylic | Acrylic | |
| Product Thickness | 80 micron | 120 micron | DIN EN 1942 |
| Elongation at Break | 45% | 50% | DIN EN 14410 |
| Tensile Strength | 40 N/cm | 65 N/cm | DIN EN 14410 |
| Adhesion to Steel | 8 N/cm | 12 N/cm | DIN EN 1939 |
| Temperature Stability | -40°C to 120°C | -40°C to 120°C | |
| Water Vapour Permeability | <1 g/m ² x24h | <1 g/m ² x24h | AFERA 4002 |
| Permeability | n/a | 0* | ASTM E 96 |

*Water vapour permeability has been tested in house via different mechanisms, all of which witnessed 0 perm in all results.

Features

- Aluminium backing providing excellent reflection of both heat and light.
- Cold weather adhesive with moderate adhesion offering excellent sealing and bonding on joints and seams in HVAC ductwork applications.
- Excellent aging resistance for both internal and external applications
- Low moisture vapour transmission rate offers excellent sealing and patching performance.

Typical Applications

Widely used in the HVAC industry for joining and sealing of foil-scrim faced laminated fibreglass blankets, duct board, pipe sections and seams clad with PROCLAD™ Jacketing systems, in both internal and external applications.

Markets

- Asbestos abatement
- Construction
- HVAC
- Process plant
- Marine & offshore

Product Characteristics

- Bright aluminium finish
- High quality siliconised release liner
- Acrylic Adhesive
- Available in 25, 50, 75 & 100 mm widths



Technical Data Sheet

Also used in other industrial applications requiring an adhesive tape with similar characteristics and benefits. Please check with a technical product expert to determine suitability for a particular purpose prior to use.

Storage / Shelf Life

12 months when stored in original, unopened packaging at 21°C (70°F) / 50% relative humidity, and kept out of direct sunlight.

Directions For Use:

Surface Preparation

Ensure all surfaces are dry and clean, free from dirt, dust, grease, oil and silicones.

Ensure firm pressure is applied to the tape to provide the best adhesive bond, and that sufficient tape is applied (of at least 25mm) either side of joints to provide a long-lasting seal.

Application

Remove the release paper from the section of PROCLAD PLUS Tape™, taking care not to touch the adhesive surface.

Align the tape centrally over the join. Pull the tape taut and then press down firmly over the entire joint area.

Rub the tape to remove any wrinkles or folds.

Legal Notices

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About ProTech Global Ltd

ProTech Global Ltd is a UK based company that has manufactured anti-corrosion products for over 25 years. With many years' experience in differing types of protection scenarios, ProTech Global Ltd has a reputation as a trusted supplier and partners with many corporations worldwide.

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