



Technical Data Sheet

PROCLAD T™ Tape

40 Micron Jointing Tape For A Professional Cladding Solution

Product Description

PROCLAD T™ is a premium jointing tape recommended for use with ProTech Global Ltd, premium PROCLAD™ range of jacketing systems.

PROCLAD T™ is the premium multi-layered laminate tape to be used in conjunction with PROCLAD100™ or PROCLAD150™ on pipe applications. The tape provides a weatherproof jointing seal to pipe fittings. The laminate has a zero perm rating to prevent moisture ingress and with increased strength and UV resistance, PROCLAD T™ provides a market leading solution.

The technically advanced adhesive being solvent free for safe environmentally conscious use is capable of being applied in wet/humid conditions at extremes of temperatures (-30C to +130C).

Product Data

| Item | Value | Standard |
|-------------------------|---------------------------|---------------------------|
| Adhesive | Acrylic | |
| Product Thickness | 40 micron | DIN EN 1942 |
| Tensile Strength | >200 N/cm | DIN EN 14410 |
| Elongation at Break | >60% | DIN EN 14410 |
| Water Permeability | 0.0 g/m ² x24h | ISO 15106-2 ASTM F1249 |
| Puncture Resistance | >100 N/cm | DIN EN 14477 |
| Service Temperature | -40°C to 130°C | |
| Application Temperature | -30°C to 130°C | |
| Emissivity Value | 0.03 to 0.84 | |

Markets

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

Product Characteristics

- Black, grey, silver & white finish
- High quality siliconised release liner
- Acrylic Adhesive
- Available in 50, 75 & 100 mm widths

Features

- Solvent free adhesive technology 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 cladded with PROCLAD™ Jacketing systems, in both internal and external applications.



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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 T™ tape, taking care not to touch the adhesive surface.

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

Rub the tape to remove any wrinkles or folds.

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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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