

493 Reinforced Foil Tape

Refer to product table below for applicable product codes covered by this document

Issue **B**

Product Type & Application

Bradford® 493 Tape is a polyethylene mesh reinforced Aluminium foil tape with a synthetic rubber adhesive. It is suitable for sealing foil faced products in HVAC and foil or poly woven wall wrap and roof sarking (building wrap) applications.

Compliance with the NCC

There are no NCC clauses applicable to adhesive tape.

Evidence of Suitability

The product has not been tested for non-combustibility. If deemed a 'sealant' under NCC 2019 Volume 1 Amend. 1, C1.9(d)(iii) or NCC 2022 Volume 1 C2D10(4)(c) it is exempt from non-combustibility requirements.

Limitations of Use

- **Important:** Do Not Modify This Product: Performance is only achieved by the product or configuration listed in this PTS.
- **Important:** Adhesive tape is not a substitute for mechanical fixings and is only suitable for sealing joints, overlaps, and to adjacent construction elements. Tape should not be applied under mechanical load and is only suitable for sealing joints which are supported by mechanical fixings to prevent loads stressing the tape bond.
- This product is not designed to withstand prolonged, direct exposure to the elements - accordingly, the exterior cladding should be installed without delay. Products exposed to harsh weather conditions should be inspected for damage prior to installation of the exterior cladding. Damaged product should be repaired or replaced to comply with the product warranty.
- This product is not suitable for submersion in water or continuous contact with soil.
- Not suitable for use on Enviroseal® products or other Spunbond/non-woven materials.

Specific Design or Installation Instructions

- Isolate power before installation.
- **WARNING:** This product contains aluminium foil which conducts electricity. To avoid electrocution, care should be taken to ensure that this product or conductive fasteners used to secure this product, do not come into contact or close proximity with electrical wiring during installation or use.
- **Important:** All surfaces must be clean, dry, and free from any residue that may inhibit adhesion – application temperature range must be between 0 to +35°C.
- **Important:** Firm application pressure must be applied over the tape surfaces, ideally using a suitable tape applicator such as a squeegee – where possible, position joints over framing to provide support.
- Suitable for use on the interior and exterior side of the building frame.
- Compatible for use with CSR Bradford® aluminium foil, paper and polyweave bulk insulation facing and sarking type materials (building wraps).
- Compatible for use with CSR Bradford® aluminium foil faced HVAC insulation.
- Suitable for use on rigid metal surfaces. Always test the suitability of material adhesion prior to use.
- Always follow the installation instructions in AS 4200.2, and those available on the Bradford website. For inclusion in BAL (Bushfire Attack Level) classified buildings, additionally adhere to the installation requirements of AS 3959.
- Refer to AS 4254.1 or AS 4254.2 for installation requirements for air handling ductwork.
- To maintain the sealing properties of this material it should not be punctured or damaged during installation.

For general installation guidance refer to the product installation guide at Bradfordinsulation.com.au

Conditions of Storage & Maintenance

- Shelf life is 1 year when the product is kept in its original, sealed packaging at a temperature between 15 to 23°C, away from UV light (sunlight) and in a dry location at 40-50% RH. Keep the carton upright, laying it on its side can lead to roll deformation.
- Store un-used portions of the roll in a cool and dry location away from UV light (sunlight).
- Do not pressure clean or use mineral based cleaners or strong acids on this product.
- This product should not come into contact with wet concrete, or alkaline materials.

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Applicable Product Codes

PRODUCT NAME	WIDTH (mm)	LENGTH (m)	QTY PER CARTON	PRODUCT CODE
493 Reinforced Aluminium Foil Tape	48	20	25	17367
	48	50	24	17366
	72	20	20	17370
	72	50	16	17369
	96	50	12	17371

Additional Product Data

Thickness of Tape	< 1.0mm
Type of Adhesive	Synthetic Rubber
Tape Material	PE Film with PE mesh and Aluminium Foil Facing.
Release Liner	Siliconized Glassine
Storage Temperature Range	+15 to 23°C
Application Temperature Range	0 to +35°C
Service Temperature Range	-5 to +65°C
Fire Hazard Properties AS/NZS 1530.3	<ul style="list-style-type: none"> • Ignitability: 0 • Spread of flame: 0 • Heat Evolved: 0 • Smoke Developed: 0-1