

Technical Data Sheet

AEROFOAM N CLAD TAPE

Product Description: Aerofoam N Clad Tape is a zero permeability, multi-layered laminate with a strong reinforced backing coated with an aggressive cross-linked acrylic adhesive. The tape is laminated with a high strength white release liner. This product has superior resistance to extreme weather conditions. This product is designed for use as a barrier for insulation cladding applications.

Backing	Adhesive	Color
20 mic Aluminum Foil reinforced with Mesh & laminated with 12 mic PET film	Aggressive cross linked acrylic adhesive	Silver



Features:

- Strong adhesion in hot, cold and humid temperature conditions.
- Excellent UV resistance.
- Can be used under very cold temperature conditions also.
- Good flexibility and conformability.
- High strength and tear resistance ensuring longevity and durability.
- Easy to cut and install on-site, special tools are not required.
- Good resistance to permeability and acts as a great barrier for the insulation cladding applications.

Applications:

- Used in a variety of insulation cladding applications.
- Providing weather resistance to the insulation tubes.
- Can provide as a strong protective layer also.

Product Specifications:

Properties	Unit	Specification	Test Method
Backing Thickness	Microns	105 ± 5	ASTM - D3652
Total thickness	Microns	180 ± 5	ASTM - D3652
Adhesion To Steel	g/inch	> 2500	ASTM - D3330
Tensile Strength	g/inch	> 4000	ASTM - D3759
Elongation	%	12	ASTM - D3759
Temperature range	NA	-10°C to 80°C	Lab Test

Product Packaging:

Width (mm)	Length (Yds)	Rolls/Box
72	30	8
96	30	6

Note: The above mentioned sizes are standard sizes. Custom sizes available on request.

Application Instructions:

Before application the surface must be free from oil and dust. For the best performance, apply the tapes at room temperature between 15°C and 45°C.

Storage:

Storage should be under normal room temperature and 50% RH in the original packing.

Shelf Life:

Use within 12 months from the date of manufacturing.

Information on the above characteristics is based upon the tests we believe to be reliable. The values given are typical values that vary according to application conditions; however, it is essential that customers always evaluate the product under their conditions before large-scale use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the suitability for a particular use or purpose are made.
