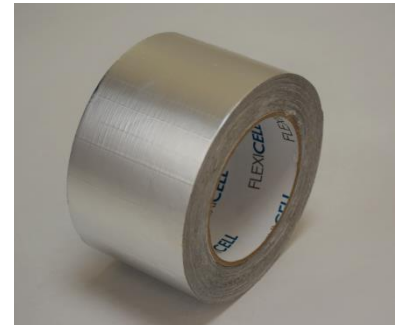


## TECHNICAL DATA SHEET

# FLEXICELL N CLAD TAPE

**Product Description:** Flexi cell 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.

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	N/in <sup>2</sup>	≥ 9500	ASTM - D3759
Elongation	%	≥ 5	ASTM - D3759
Shear Test	Hours	≥ 96	ASTM - D3654
Temperature range	°C	-10°C to 80	Lab Test
UV/Weathering Resistance Test (500 Hours)	NA	No sign of adhesive transfer or splitting. No cracking, no chalking, no flaking, no wrinkling, no blistering or any type of failure.	ASTM – G154-16

Note: Reference for UV/Weathering can be provided upon request.

### Product Packaging:

Width (mm)	Length (Mtr)	Rolls/Box
72	27	16
96	27	2
960	27	2

**Note:** The above mentioned sizes are standard sizes. Sizes can be customized as per customer requirement.

### Application Instructions:

Before applying, the surface must be free from oil, solvent, water and dust. For best product performance, apply the tape at room temperature between 15°C and 45°C.

### Storage:

Store under normal room temperature and 50% RH in the original packaging.

### Shelf Life:

Use within 12 months from the date of manufacturing.

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*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.*

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