

## **BUTYL TAPE - Aluminium**



### **Description:**

**GRADA Butyl Tape** is a high performance butyl tape for uses in steel and aluminium roofing and panels. It is used to provide a long-life, airtight seal on panel connections. It will never crack or peel by the thermal movements or vibrations of metal systems.

**GRADA Butyl Tape** is compatible with galvanized or painted metals, steel, aluminium, pvc, glass plexiglas, polycarbonate, wood, concrete fiber cement and many other construction materials.

### **Areas of Use :**

- Metal Roofing
- Aluminium Facade Panels
- Sealing Rooflights
- Metal Roofing Penetrations
- Sealing Metal Flashings
- Metal Constructions
- Roofing and Panel Joinery
- Sealing end side laps in roofing systems
- Siding Insulation

### **It is also excellent for sealing ;**

- Prefabricated houses
- Containers
- Wooden Sheds
- Stalls
- Around Windows, doors, roof vents, stacks, access doors and other penetration points.

## BUTYL TAPE - Aluminium

### Features and Benefits:

- Excellent adhesion to steel, aluminium and wide range of substrates
- Permanently adhesive and flexible
- Non-hardening, non-drying, non-oxidizing
- Excellent chemical and UV resistance
- Silicone backed release paper for easy installation
- Needs no special handling
- No primer is required
- 100 % Solid to keep its volume, non-cracking, non-crumbling
- Long service life
- Not contain any solvents, bitumen, tar, asbestos, etc...
- Non-Toxic
- Available in a variety of size and widths.

### Dimensions:

**Thickness :** Between 1 mm – 10 mm

**Width :** Between 10 mm – 1000 mm

### Typical Physical Properties

<b>Color :</b>	Black / Grey
<b>Adhesion :</b>	25-35N/cm <sup>2</sup>
<b>Specific Gravity:</b>	1,45 - 1,55g/cm <sup>3</sup>
<b>Elongation :</b>	% 600 - % 800
<b>Vapor Transmission Rate :</b>	0,15 g/m <sup>2</sup> /24 sa/mm
<b>Gas Permeation Rate :</b>	(0.98 ± 0.10) x 10 <sup>-3</sup> g/(m <sup>2</sup> h)
<b>Block Penetration Rate :</b>	1/10 - ASTM D217 – 36,1
<b>Fogging test :</b>	60 °C ( hot area – edge of specimens) – No fogging
<b>Service Temperature :</b>	-30 C -40 C / +90 C ( -40 F / + 190 F )
<b>Solid Content :</b>	%100
<b>Cold Temperature Flexibility:</b>	No Cracking or Loss of Adhesion

