



# XEAL ALU BUTYL

## Technical Datasheet



### PRODUCT DESCRIPTION

XEAL ALU BUTYL is a premium-grade, cold-applied sealing and flashing tape featuring a self-adhesive butyl rubber layer laminated with an embossed or smooth aluminum foil surface. Engineered for durability and weather resistance, the aluminum top layer provides robust protection against UV rays and mechanical damage, while the butyl base offers excellent adhesion to a wide range of construction and industrial materials.

It is an ideal solution for both temporary and permanent sealing in roofing, HVAC, construction joints, and more.

### APPLICATION AREAS

Perfect for use in:

- ▶ Roofing joints and flashing details
- ▶ Skylights, chimneys, vents, and pipe penetrations
- ▶ HVAC ducting and air-tight sealing
- ▶ Frame sealing for doors and windows
- ▶ Waterproofing of overlaps in metal sheeting
- ▶ Vehicle body repairs and container sealing
- ▶ General-purpose exterior and interior waterproof sealing

### KEY FEATURES

**Superior Adhesion:** Bonds securely to most substrates including metal, concrete, wood, plastic, and glass

### TECHNICAL SPECIFICATIONS

PROPERTIES	VALUE
Facing Material	Embossed or smooth aluminum foil
Adhesive Base	Butyl rubber
Color	Silver (custom finishes available)
Standard Widths	50 mm / 75 mm / 100 mm / 150 mm
Roll Lengths	10 m / 15 m / 20 m
Thickness	1.0 mm to 2.0 mm
Peel Strength (to metal)	≥ 12 N/cm
Working Temperature Range	-30°C to +80°C
UV Resistance	Excellent
Elongation at Break	≥ 300%
Water Resistance	100% waterproof

**UV & Weather Resistant:** Aluminum foil facing offers protection from sunlight and external elements

**Flexible & Malleable:** Easily conforms to irregular surfaces and complex shapes

**Quick & Easy Application:** Self-adhesive with no need for heating or additional tools

**Waterproof & Airtight:** Ensures complete sealing against moisture, air, and dust

**Chemical & Aging Resistant:** Performs well in harsh environments

**Environmentally Friendly:** Solvent-free and non-toxic formulation

### INSTALLATION GUIDELINES

**Clean Surface:** Make sure the application area is dry, clean, and free of dust, oil, or loose particles.

**Cut and Apply:** Cut the required length, peel off the release liner, and firmly press XEAL ALU BUTYL onto the surface.

**Seal Properly:** Use hand pressure or a roller to smooth the tape and eliminate air gaps.

**Overlap:** Maintain a minimum 25 mm overlap where strips meet for optimal sealing.