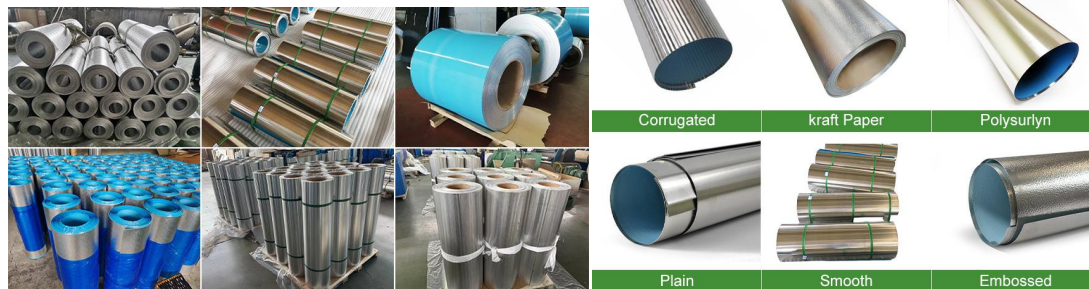


Aluminum jacketing/cladding is the premier protective outer surface for mechanical insulation systems, including pipes, vessels and equipment. It helps protect the insulation and underlying pipe/vessel from physical damage, UV exposure, corrosive environments and water.

Aluminum jacketing uses 1060, 1100, 3003, 3105, 5005 and other aluminum, and the surface treatment covers mill finished, embossed, Polysurlyn Moisture Barrier (PSMB), Poly-kraft Moisture Barrier(PKMR) etc.



Specifications

Alloy	1050, 1060, 1100, 3003, 3105, 5005, 5052, etc.
Temper	H14, H24, H16, H26
Thickness	016" (0.4mm), 020" (0.5mm), 024" (0.6mm), 032" (0.8mm), or customized, from 0.15mm to 2mm
Width	36", 48", 914mm, 1000mm, 1200mm, 1219mm, and other available widths.
Length	50' (15 meters), 100' (30 meters), 200' (60 meters), 300' (90 meters), or customized according to your requirements.
Surface	Mill finished, Stucco embossed, Corrugated
Lamination	Polysurlyn, Polykraft
Standards	ASTM B209, ASTM C1729, EN573-1.

Benefits of Aluminum Jacketing in thermal insulation:

- Moisture Resistance: Prevents water ingress, protecting insulation integrity.
- Corrosion Protection: Shields against corrosion of pipes and equipment.
- Durability: Robust and resistant to physical damage and wear.
- Thermal Efficiency: Reflective surface minimizes heat loss or gain.
- Lightweight: Easier to handle and install, reducing labor costs.
- Aesthetic Appeal: Provides a clean, professional appearance.

- Fire Resistance: Offers some degree of fire protection.
- Easy Installation: Can be easily cut and formed to fit various applications.
- UV Resistance: Protects against degradation from sunlight.
- Sustainability: Made from recyclable material, contributing to eco-friendly practices.
- Reduced Maintenance: Lowers long-term maintenance needs.
- Compatibility: Works well with various insulation materials.

Applications

Aluminum Jacketing Roll is the premier protective outer surface for mechanical insulation systems, including pipes, vessels, and equipment. It helps protect the insulation and underlying pipe/vessel from physical damage, UV exposure, corrosive environments, and water.



Packaging

