
Aluminium Jacketing

Product Description/ Specification:

Aluminium Jacketing is manufactured from aluminium alloy 3003 or 3015 in compliance with ASTM B209. These alloys offer exceptional formability, corrosion resistance, toughness and mechanical properties to resist mechanical or thermal abuse in service. Aluminium jacketing is widely used for insulation, construction, roofing, industrial cladding, profiling, ducting and many other applications.

Emissivity of bare oxidised aluminium alloy is 0.15 - 0.25.

Aluminium jacketing is also available with a range of options:

- Tedmet®: Tedlar® film laminated on the topside to achieve emissivity of 0.85 - 0.9 and high corrosion resistance
- CoolMet®: PVDF painted jacketing
- DryMet®: Factory applied moisture barrier film on the underside
- SoundMet®: Acoustic jacketing for effective noise insulation

Jacketing can also be supplied in stucco, box ribbed and corrugated profiles.

For more details visit metal jacketing page on www.bsstainless.com

Dimensions:

Thickness: vary from 0.25mm (0.001")— 1.2 mm (0.47") , Tolerance on thickness is + / - 0.05mm unless otherwise agreed.

Width: Varies from 914 mm (36") —1219 mm (48") , Width tolerance + / - 10mm unless otherwise agreed.

Cladding material can be supplied in flat sheet form available in either standard lengths or custom produced to required length.

Packaging:

All coils are packed eye to side weights are typically 2 tonnes but can be produced to required weights to order. Material will be packed on wooden pallets to suit dimensions and shrink wrapped. Heat treated pallets will be supplied where requested. Inside diameter is either 20" (508mm) or 24" (610mm). Special inside diameters (ID) coils can be produced to order.

Material Safety Data Sheets are available on request.