

Stucco Embossed Aluminum Jacketing | Haomei

Haomei stucco embossed aluminum jacketing is typically manufactured using alloys 1060 or 3003 which have very similar composition and performance and are considered interchangeable for use as insulation jacketing, in compliance with standard ASTM B 209.

Haomei stucco embossed aluminum surface is like orange pattern, made from the smooth finish aluminum jacketing. The use of stucco embossed finish provides a small increase to the rigidity and strength of the aluminum jacketing.

Stucco Embossed Finish

Aluminum Jacketing Stucco Embossed is made out of smooth aluminum that comes in 3 foot sections. The inside of the aluminum pipe jacket is coated with a poly moisture retarder that provides an excellent resistance to moisture and has excellent abrasion protection during installation. The stucco like surface texture hides small scratches and imperfections, caused by physical damage during or after installation. This finish also reduces reflectivity while still looking very professional. Lastly, the use of stucco embossed finish provides a small increase to the rigidity and strength of the aluminum jacketing.

The Stucco Embossed Aluminum Jacketing is cut and rolled to fit each size of pipe insulation correctly. Use the chart to determine the size of the jacketing needed for the pipe insulation that you are trying to cover. Aluminum jacketing is good for mechanical abuse and for weathrizing exterior pipes.

Alloy	Temper	Thickness (inch)	Thickness (mm)	Width (mm)	Length (m)	Suggested Application
1100, 1060, 3003, 3105, 5005	H14, H16, H24, H26	0.012	0.3	914, 1000, 1219	20, 25,30, 60, 90, coil	OD below 36"(914mm) insulated pipe lines.
		0.016	0.4			OD below 36"(914mm) insulated pipe lines.
		0.020	0.5			OD below 36"(914mm) insulated pipe lines.
		0.024	0.6			OD 36"-8'(914mm-2.43m) insulated pipe lines&equipment.
		0.032	0.8			Special applications where extra thickness and protection is required, such as fabricated tank head covers and other special fabrications.
		0.040	1.0			Special applications where heavy mechanical is required.
		0.050	1.2			Flat ducts or precipitators. Also recommended for areas subject to high wind conditions.

Chemical Composition of embossed aluminium jacket

Alloy	Si	Fe	Cu	Mn	Zn	Mg	Ti	Cr	Other	Al
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										Elements	
										Each	Total
1060	0.25	0.35	0.05	0.03	0.05	0.03	0.03	-	0.03		99.6min
1100	Si+Fe=0.95		0.05-0.20	0.05	0.10	-	-	-	0.05	0.15	99.0min
3003	0.6	0.7	0.05-0.20	1.0-1.50	0.10	-	-	-	0.05	0.15	reminder

Why to emboss ?

- (1) embossed to increase its strength, ductility and lifetime.
- (2) better durability and effectively reduce rowing, rubbing, touching damage and waste.
- (3) will not cause strong light reflecting and can have a good vision effect.
- (4) protect the aluminum sheet from oxidization, damp proof and anti-corrosion.

Features of aluminum jacket stucco embossed are:

1. Customized packaging solutions for extended shelf life.
2. Excellent barrier against moisture, oxygen & odour.
3. Excellent mechanical properties even at low thickness.
4. High burst strength and puncture resistant.
5. Light weight: Aluminum is about 1/3 weight of iron or steel, making it easier to handle and less expensive to ship.
6. Strong: the tensile strength can be 85-120Mpa, and can satisfy most of insulation jacketing needed.
7. Corrosion resistant: they do not rust
8. Easy to fabricate & assemble

Why Choose Us :

1. Verified supplier:
We are verified supplier, with quality assurance. Production process is approved by SGS and BV.
2. Price Competitive:
We provide factory price to save your purchase cost.
3. Customized size:
We can produce any size according to clients requirement. We further provide clients with aluminium sheet/coil further process, such as anodizing, brush, polish, stucco emboss, corrugation, mirror, color coating etc.
4. Safe package and Fast delivery:
About 25-40 days after receipt client LC or deposit.
5. Existing clients reference:
Our aluminium products are exported to all over the world, we can give you our existing customer name in your region for you to check our company and our quality.
6. Free samples:
Haomei supply free sample available for test at first.
7. After sales service:
We have good reputation for all customer; If any quality problem with third party inspection report, We will take full responsibility.