

Cable Aluminum Foil | Cable Sheilding Aluminum Foil | Haomei

[Cable aluminum foil](#) gives a long-term protection to cable and prevents it from moisture and other naturally occurring elements. Haomei Aluminum foil mainly supplies 1000 series and 8000 series cable wrap foil, and the typical alloy are 1100, 8011, etc.

Haomei cable sheilding aluminum foil have good reflective (up to 98% of light and infrared heat) and barrier properties make it the material in electrical cables, providing long-term protection. It also insulates against magnetic and radio frequency emissions. Cable wrapping aluminum foil provides perfect protection against magnetic fields and radio frequencies.

Specification of cable aluminum foil

Typical alloy	8011, 1100
Temper	O
Thickness(mm)	0.01-0.3
Width (mm)	250-1200
I.D.(mm)	76
O.D.(mm)	500
Length (mm)	Coil
Thickness Tolerance(%)	≤5
Treatment	mill finish
Standard	ISO SGS ASTM ENAW
Price terms	LC/TT/DA/DP
Packaging	Standard seaworthy export packaging. Wooden pallets with plastics protection for the coil.

Chemical Compositions

Alloy	Fe	Si	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Other		Al
										Each	Total	
8011	0.6~1.0	0.50~0.9	0.1	0.2	0.05	0.05	0.1	-	0.08	0.05	0.15	Remains

Tensile Strength Property

Alloy	Temper	Thickness (Mm)	Test Under Room Temperature		
			Tensile Strength Rm/(N/Mm ²)	Elongation %(>=)	
				A50mm	A100mm

8011	○	>0.15~0.20	60~110	-	16
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Features of cable sheilding aluminum foil

- Protection against naturally corrosive elements
- Insulation against magnetic and radio frequencies
- Impermeability
- Dead fold / formable
- Resistant to high temperatures
- Highly machinable
- Lightweight and more cost effective than copper
- Recyclable.
- Higher dielectric and tensile strength.
- Higher conductivity and tensile strength
- Lower signal attenuation.

Application of cable wrapping aluminum foil:

Mainly used in construction, decoration, packing, printing, cover material, piping, electronic, elements, refrigeration, air condition, automobile, etc.

- ◇ Building insulation
- ◇ Maximising available light
- ◇ Pipework insulation
- ◇ Adhesive tapes
- ◇ Health and safety
- ◇ Ensuring efficient cabling

Our Advantages

1. More than 10 years experience in aluminum industry in cable aluminum foil;
2. Well experienced working team, advanced production machines;
3. Flexible customization per customers' requirement;
4. Prompt cost calculating and price quotation;
5. Fast delivery on the basis of quality goods.

