

SPECIFICATION SHEET

Household aluminum foil

Shanghai Metal Corporation is a leading Household aluminum foils manufacturer and supplier. Household aluminum foils unique qualities make highly useful products in everyday life, for cooking, reducing cleaning chores in the kitchen and for its many uses around the home, garden or workshop, restaurants, canteens, schools and hospitals.

No	Alloy	Thickness	Width
1	8011	0.019-0.024mm	300mm,450mm or customized

Chemical composition (%)

Standard: GB/T 3190-2008

Grade	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al
8011	0.50-0.90	0.6-1.0	0.10	0.20	0.05	0.05	-	0.10	0.05	Rest

*1 Coil samples bending 90°, t – thickness of coil

Mechanical Properties

Alloy	Alclad classify	Temper	Sample Temper	Thickness /mm	Tensile strength R _m / (N/m ²)	Elongation/%	
						A50mm (≥)	A100mm (≥)
8011	-	O	O	>0.0090-0.0250	55-100	-	1.0
				>0.0250-0.0400	55-110	-	4.0
				>0.0400-0.0900	60-120	-	4.0

Physical Properties

Property	Value	Unit
Density(20°C)	2.72	g/cm ³
Melting Point	620-650	°C
Thermal Expansion	23.5	(10-6K-1)(20/100°C)
Specific heat capacity	899	J/(Kg.K)(0/100°C)
Modulus of Elasticity	70	GPa
Thermal Conductivity	205	W/(m. K) 20°C
Resistivity	32	nΩ .m

Formability

Very Good

Weldability

Good

Machinability

Very Good

Corrosion Resistance

Very Good

Applications

- 1) Super food Chain-stone
- 2) Hotel and restaurant
- 3) Fast food and take away food
- 4) Airline catering
- 5) Out-door barbecue
- 6) Party dinner

7) Family kitchenware

Products



Packing

Shanghai Metal Products are packed and labeled according to the regulations and customer's requests. Great care is taken to avoid any damage which might be caused during storage or transportation. In addition, clear labels are tagged on the outside of the packages for easy identification of the product I. D. and quality information.

- 1) Shanghai Metal Standard
- 2) Customization

