

SPECIFICATION SHEET

Aluminium foil For food packaging

The Aluminum Foil for Food packaging can be supplied in rolls or in sheets; the thickness is 9mic-50mic. It can do various colors and customized artworks are printed on Aluminum foil, custom Embossing is also approved. The aluminum foil has high protection against flavor loss, excellent gloss, brilliant appearance, and excellent impermeability to water vapor and gas. The foil is suitable for food packing chocolates, cheese, candy, and dried fruits etc. food products.

No	Alloy	Thickness	Width	Length
1	8011	10.0 -50.0 um	40-450 mm	Customized
2	1235	10.0 -50.0 um	40-450 mm	Customized

Chemical composition (%)

Standard: GB/T 3190-2008

Grade	Chemical composition (mass fraction) /%													
	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn		Ti	Zr	Others		Al
	0.65 Si+Fe		0.05	0.05	0.05	-	-	0.10	0.05V	0.06	-	0.03	-	
1235	0.65 Si+Fe		0.05	0.05	0.05	-	-	0.10	0.05V	0.06	-	0.03	-	99.35
8011	0.50-0.90	0.6-1.0	0.10	0.20	0.05	0.05	-	0.10	-	0.05	-	0.05	0.15	rest

Mechanical Properties

Standard: GB/T 3880.2-2006

Grade	Mechanical Property				
	Temper	Thickness (mm)	Tensile Strength Rm/(N/mm ²)	Elongation (%)	
				A50mm (≥)	A100mm (≥)
1235	0	>0.0090-0.0250	40-105	-	1.5
		>0.0250-0.0400	50-105	-	2.0
		>0.0400-0.0900	55-105	-	2.0
8011	0	>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

Standard: GB/T 3880.2-2006

Property	Value	Unit
Density(20°C)	2.71	g/cm ³
Melting Point	590-645	°C
Thermal Expansion	23.8	(10-6K-1)(20/100°C)
Specific heat capacity	900	J/(Kg.K)(0/100°C)
Modulus of Elasticity	70	GPa
Thermal Conductivity	132	W/(m. K) 20°C
Resistivity	53	nΩ .m

Formability

Very Good

Wettability

Good

Machinability

Very Good

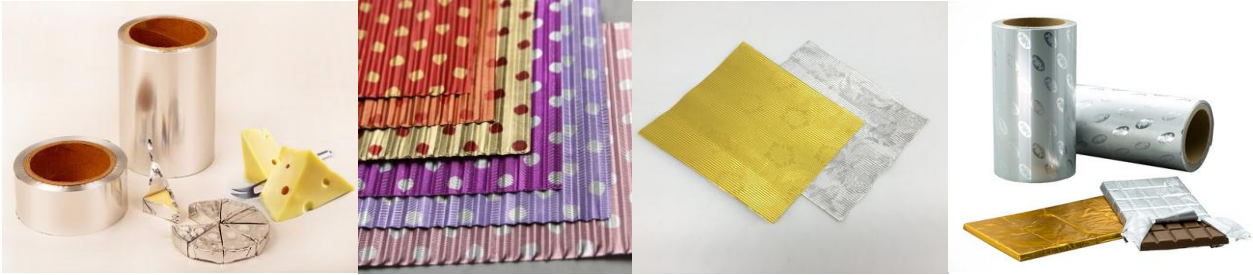
Corrosion Resistance

Very Good

Applications

1. Application for cheese package.
2. Application for chocolate and chocolate bars package.
3. Application for gift boxes, flowers etc larger-size gifts packages.

Products



Packing

1. PE bag - Foam Cotton- Cartons on Pallet
2. PE bag- Foam Cotton - Wooden Cases
3. Customized.

