aluminium foil, aluminum foil, aluminium foils, aluminum foils, aluminium foil supplier, aluminum foil manufacturers,
packaging packing foil, packaging foil, insulation foil, insulating foil, foil insulation, insulated foil, pharma packaging, color foil, gold foil, silver foil, foil stamping, hot foil stamping, foils, foil printing, printing foil, printing on foil, hair foil, hair foils, hair with foils, foil hari, foils hair, foils for hair, foils in hair,

History

Before aluminium foil

Foil made from a thin leaf of tin was commercially available before its aluminium counterpart. It was marketed commercially from the late nineteenth into the early twentieth century. The term "tin foil" survives in the English language as a term for the newer aluminium foil. Tin foil is less maleable than aluminium foil and tends to give a slight tin taste to food wrapped in it. Tin foil has been supplanted by aluminium and other materials for wrapping food.
The first audio recordings on phonograph cylinders were made on tin foil.

The first aluminium foil

Tin was first replaced by aluminium in 1910, when the first aluminium foil rolling plant, "Dr. Lauber, Neher & Cie." was opened in Emmishofen, Switzerland. The plant, owned by J.G. Neher & Sons, the aluminium manufacturers, started in 1886 in Schaffhausen, Switzerland , at the foot of the Rhine Falls - capturing the falls' energy to produce aluminium. Neher's sons together with Dr. Lauber discovered the endless rolling process and the use of aluminium foil as a protective barrier in December 1907.

Production Process

The process of producing aluminum foil involves many steps, including refining, smelting, rolling and finishing before it becomes the common product that is used in households every day.

1.

Aluminum ore extraction by Bayer. First, the so-called grinding a mixture of aluminum ore bauxite and sodium hydroxide it. Pump pressure the mixture into a large tank, where the mine will be broken down into a solution of sodium alumninate and legacy pollutants. Next, the tanks and presses through the solution set. Disposal of trapped pollutants. Transfer to solve a cooling tower. Mobile solve a silo, and add aluminum hydrate crystals, which will attract more crystals from the solution, the formation of aluminum hydroxide. Filters, washing and thermal exposure at high temperatures. The dehydration will produce aluminum oxide.

2

Smell compounds, the first step in the production. Melting the aluminum oxide cell, the cell is

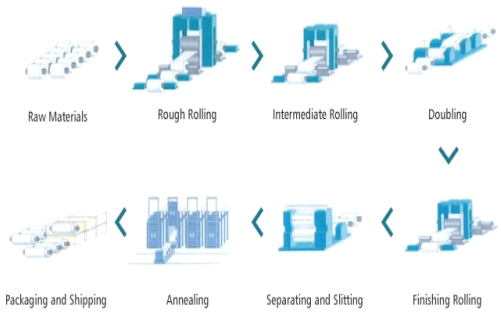
carbon steel, and containing a liquid is heated conductor closed. Current generated by the crust, you will continue to fall off, dissolved, stirring inch aluminum will be created in the bottom of the aluminum mold. And input of aluminum melting pot, where you can add other elements of the alloy. There will be cast into the cold and then heated container. Scroll to the foil.

3

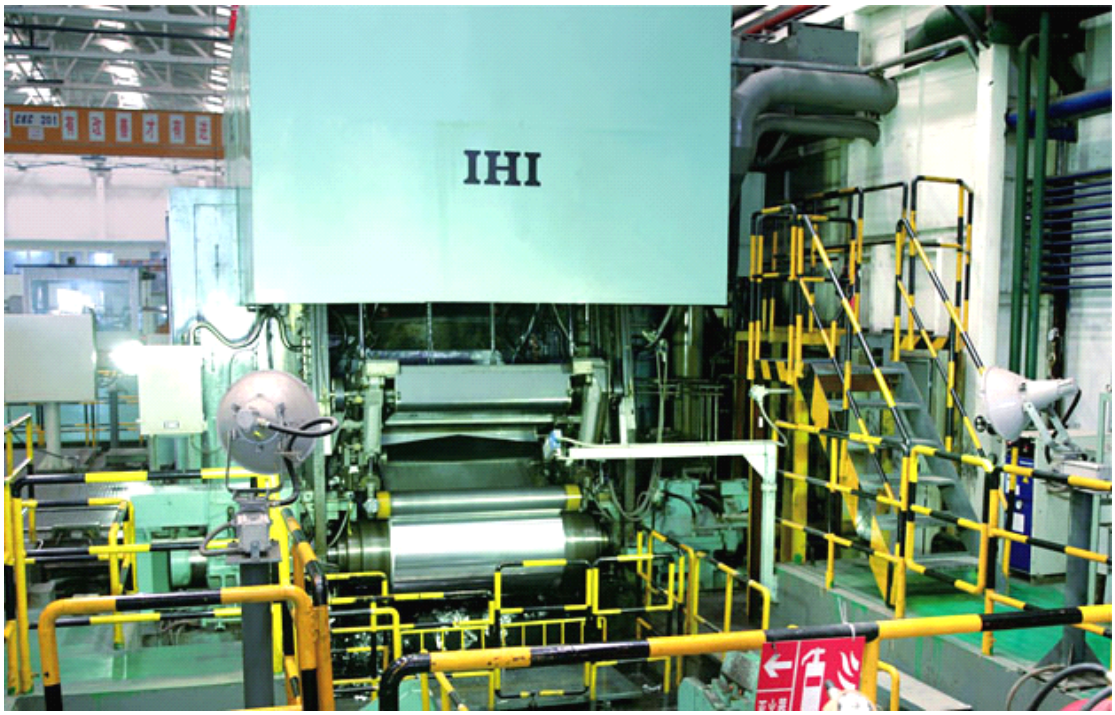
Extruded aluminum foil rolling mill and extrusion to the correct thickness. Occasionally, to maintain flexibility in the heating foil. The foil touches the surface of work roll surface, it creates a shiny completed, two will be rolling with the moving matte finish on both sides. At this point, trim the edges of foil, cut into small pieces of debris.

4

To complete the coating has a wide range of material it foil. Resins and polymers can be used to protect or seal foil, or foil laminated paper or plastic film. Cutting, forming into the desired shape and foil printing or embossed patterns. Aluminum foil packaging for delivery.



Equipment



Rolling Machine


Doubler

Separator

Roll Grinding Machine

Annealing Furnace

Roilling mill operation plateform

Mechanical Properties

Light yet strong, aluminium foil has unique deadfold characteristics which make it ideal for wrapping and re-wrapping many different products and product shapes, while minimising the

need for sealants. Because it is very malleable it can be easily deformed without losing its barrier integrity, making it an ideal material for use in combination with other flexible substrates to create very thin laminates for a variety of markets and consequently, again, save resources.

Physical characteristics

Density	2.7 g/cm³
Aluminium foil specific weight	6.35 μm foil weighs 17.2 g/m2
Melting point	660°C
Electrical conductivity	64.94% IACS (IACS: International Annealed Copper Standard)
Electrical resistivity	26.5 nΩm
Thermal conductivity	235 W/m K
Thickness	Foil is defined as measuring less than 0.2mm (<200 μm)

Product list

1 每个产品后面都跟一张或者几张照片，每个产品的照片我都用数字编排的。

Alumnium Cigarette Packing Foil (Double Zero Foil)

Specification

Alloy:	1235, 8011	
Temper:	O	
Thickness:	0.006~0.009mm	
Width:	100~1220mm	
Coil ID:	75mm	150mm
Coil OD:	320~450mm	450~700mm

Chemical Compositions

Alloy	Fe	Si	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Other		Al
										Each	Total	
1235	0.65		0.05	0.05	0.05	-	0.1	-	0.06	0.05	0.15	99.35
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 R_m/(N/mm²)	Elongation %(>=)	
				A_{50mm}	A_{100mm}
1235	O	0.0060~0.0090	40~100	1.0	—
8111			50~100	1.5	—

Pin Holes

Diameters of pin hold should be less than 0.3mm.

Thickness(mm)	Number of Hole/m^2(<=)
0.006	1500
>0.0060～0.0065	1000
>0.0065～0.0070	500
>0.0070～0.0090	200

It retains the characteristic aroma peculiar to each blend and brand, and also gives the packaging a distinctive appearance and quality appeal.
An aluminum foil/paper laminate provides certain characteristics, such as dead fold and emboss ability, which other bundling materials cannot offer.
Tobacco benefits from aluminum foil’ s unequalled barrier properties in the same way as other sensitive natural products.
The foil maintains an effective barrier against moisture and protects the tobacco from deterioration, aroma transmission and bacteria by sustaining a micro-climate in the package.
With its non-returning dead-fold characteristic, aluminum can be formed to the desired shape with no “ spring back ” and provides the web strength and dependability essential to high-speed packing lines.

Tobacco is a perishable and often expensive consumer product and requires packaging that delivers it to the consumer in the very best of condition. Aluminium foil has been an integral part of this process since the 1950s. Aluminium foil has become the preferred barrier material, particularly for the inner liner of cigarette packets. This is because it combines the ability to retain the characteristic aroma peculiar to each blend and brand, within a unique quality of ‘feel’ and appearance which is light, robust and easy to re-seal. An aluminium foil/paper laminate also offers mechanical qualities not available in alternative materials.

2

Aluminium Household Foil

Alloy:	1235, 8011
Temper:	O
Thickness:	0.008~0.025mm
Width:	100~1220mm
Coil ID:	75, 150

Chemical Composition

Alloy	Fe	Si	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Other		Al
										Each	Total	
1235	0.65		0.05	0.05	0.05	-	0.1	-	0.06	0.05	0.15	99.35
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 R_m/(N/mm^2)	Elongation %(>=)	
				A_{50mm}	A_{100mm}
1235	O	0.0080～0.0090	50～100	-	≥1.0
		>0.0090～0.0120	50～100	-	≥1.5
		>0.0120～0.0180	50～90	-	≥1.0
		>0.0180～0.0250	50～90	-	≥1.0
8011	O	0.0060～0.0090	50～100		≥0.5
		>0.0090～0.0120	60～100	-	≥1.5
		>0.0120～0.0180	65～110	-	≥1.5
		>0.0180～0.0250	55～105	-	≥1.0

Household foil is available in a variety of formats. In addition to a range of widths and lengths there are textured versions and ready-cut sheets, making it easy to use without unreeling and tearing. 'Non-stick' foil can solve many problems, such as baked-on food. Another special foil is black on one side, which transfers radiant heat more efficiently from the black side, making it ideal for roasting.

Most households are used to having aluminium foil in the home. It has become an essential part of modern household convenience – for cooking, reducing cleaning chores in the kitchen and for its many uses around the home, garden or workshop. In commercial kitchens too – restaurants, canteens, schools and hospitals, etc.

Aluminium foil's total barrier to light, steam, aromas and liquids is a major reason for its use in the kitchen.

The same properties can be used to stop evaporation and drying of paint, adhesives and fillers used in home decoration.

Also it can deal with the highest temperatures encountered in cooking, whether in a convection oven or under the hottest grill. Another great advantage when used in the kitchen is the 'deadfold' characteristic of aluminium foil. Once folded around a joint of meat, or crimped onto the top of a casserole or storage pot, the aluminium foil stays folded and does not spring back.

Applications

1. In the kitchen – the largest domestic use
2. Roasting poultry and meat – shrinkage
3. Cooking delicate fish and vegetables 'en papillae'
4. Lidding storage pots (not in with steel cans)
5. Protecting parts of poultry *microwave 'burn'
6. Making small storage containers the refrigerator
7. Wrapping for the freezer
8. Sealing saucepans to retain steam
9. Baking 'jacket' potatoes
10. Lining cake tins, 'lift-out' strips
11. Wrapping sandwiches and snacks
12. Keeping food and 'left-over' refrigerator – cakes, meat,
13. Saving cleaning – lining a grill lining the oven floor

3

Aluminium Container Foil/Pre-lubricated Container Foil

Alloy:	3003, 8011
Temper:	O, H22, H24
Thickness:	0.03~0.20mm
Width:	100~1220mm
Coil ID:	75, 150

Hard or Soft (fully annealed) Aluminium alloy 8011, 3003 Aluminium foil conforming to Aluminium Association specification. The foil is coated, uncoated, without lubrication or Pre lubricated.

Thickness Options	
0.03 mm ±8%	-0.035 mm ± 8%
0.04 mm± 8%	-0.045 mm ±8%
0.05 mm ± 8%	-0.06 mm ± 8%
0.064 mm ±8%	-0.07 mm ± 8%

COATING /LUBRICATION :

Colourless protective lacquer or lubricant confirming to be applicable regulations regarding direct contact with foods and drugs. Coloured lacquer can be provided if specified by the customer.

Coating/ Lubrication	
Coating:	1.5 ± 0.5 GSM on each coated side
Lubrication:	1 ± 0.2 GSM on each coated side

Ideal for the automated packaging line, foil containers offer ‘whole life' durability. They can accompany their contents from hot or cold filling through every stage of chilling or freezing, lidding and other packaging procedures and on to distribution, retailing, cooking or reheating and serving by the ultimate consumer. Combining lightness with stackability aluminium foil containers are easy to store and handle.

Consumers like the value, dependability and versatility of aluminium foil food containers. Unique in the processing and packaging of human and pet foods, they combine all the features needed to deliver high quality fresh, wholesome and quickly accessed products.

Aluminium foil containers stay bright and reflective throughout processing and marketing. They can be embossed, colour lacquered or printed with brand identifying designs and colours both inside and out.

They are suitable for grilling, fan and convection cooking, barbecue griddle and microwave

oven and are easy to open, use and dispose of.
A range of purpose designed lidding materials is also available – from straightforward foil/board laminates to more sophisticated coated or laminated aluminium foil lids that can be sealed to the container rim yet peel off easily when required.

4

Aluminium Pharmaceutical Foil

Alloy:	1235, 8011
Temper:	O, H18
Thickness:	0.0065~0.046mm
	Tolerance +/-4%
Width:	100~1220mm
	Tolerance +/- 1.0 mm
Coil ID:	75, 150

Chemical Compostion

Alloy	Fe	Si	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Other		Al
										Each	Total	
1235	0.65		0.05	0.05	0.05	-	0.1	-	0.06	0.05	0.15	99.35
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

Mechanical Properies

Alloy	Temper	Tensile strength	Elongation
8011	H18	>175 MPa	>2.5%
1235	H18	>150 MPa	>2.5%
8011	O	>85 MPa	>3.5%

Our aluminum pharmaceutical foils are soft in reel form, one side laminated with film, and other side printing primer coated. These foils can be printed to customers' requirement or un-printed. It is used for strip packing of tablets and capsules.
The pharmaceutical foil is laminated to either Low Density Polyethylene or coated with Heat Seal lacquer for sealing. This foil is used in the Pharmaceutical industry for packing tablets and capsules.

Many of aluminium foil's properties combine to provide user-friendly, safe and versatile packaging formats for pharmaceutical tablets, creams, liquids and powders. Aluminium foil's excellent barrier properties totally exclude moisture, oxygen and other gases, micro-organisms and light, maintaining degradable products in peak condition over long periods.
Foil comes in a completely sterile condition due to the annealing temperature and final conditioning processes. It is not hazardous to health, and many suppliers offer dedicated

‘clean-room’ printing and laminating or printing and packing facilities to ensure medical standards of sterility.

5

Aluminium Cable Foil

Alloy:	8011
Temper:	O
Thickness:	0.15~0.20mm
Width:	100~1220mm
Coil ID:	75, 150

Chemical Compostion

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	Elongation %(>=)	
			R_m/(N/mm^2)	A_{50mm}	A_{100mm}
8011	O	>0.15～0.20	60～110	-	16

In electrical cables, aluminium foil is an essential component providing long-term protection. It also insulates against magnetic and radio frequency emissions. Used in fibre-optic cables, aluminium foil acts as a ‘tracer’ to enable testing of the integrity of cable links.

Aluminium foil capsules or bottleneck labels add visual prestige to any type of bottle. They are a valuable part of the product’s personality and a guarantee of authenticity. Champagne and traditional bottled beers use them as a hallmark of product quality.

But the foil is not just there for decoration. It ensures security, providing tamper evidence in the case of ‘over the crown’ foil. Aluminium foil’s physical properties of ‘deadfold’ and malleability enable it to mould with the contours of bottles and closures in an easy-to-apply and brand building way. Opening a twist-off cap or crown closure is easily done without disturbing the appearance of the neck foil thanks to tear off perforation. The art and technology of bottle neck foils is moving ahead continually, resulting in material savings whilst retaining elegant appearance and high product security. Champagne capsules are generally made from thicker gauge aluminium foil which is sometimes coated or laminated with a plastic layer. Aluminium foil has been adopted as the natural successor to lead as the material for spin-on capsules for wine bottles. Neck foils are frequently embossed which, apart from giving a distinctive appearance, also makes the labels easy to handle. Other developments have also enabled smooth labels to be used. Labels with partial embossing adding an element of design appeal and individuality are a further option.

6

Aluminium Beer Mark Foil

Alloy:	8011
Temper:	O
Thickness:	0.009~0.012mm
Width:	100~1220mm
Coil ID:	75, 150

Chemical Compostion

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 R_m/(N/mm^2)	Elongation %(>=)	
				A_{50mm}	A_{100mm}
8011	O	0.0060～0.0090	45～100		0.5
		>0.0090～0.0120	60～100	-	1.5

Aluminium foil capsules or bottleneck labels add visual prestige to any type of bottle. They are a valuable part of the product's personality and a guarantee of authenticity. Champagne and traditional bottled beers use them as a hallmark of product quality.

But the foil is not just there for decoration. It ensures security, providing tamper evidence in the case of 'over the crown' foil. Aluminium foil's physical properties of 'deadfold' and malleability enable it to mould with the contours of bottles and closures in an easy-to-apply and brand building way. Opening a twist-off cap or crown closure is easily done without disturbing the appearance of the neck foil thanks to tear off perforation. The art and technology of bottle neck foils is moving ahead continually, resulting in material savings whilst retaining elegant appearance and high product security. Champagne capsules are generally made from thicker gauge aluminium foil which is sometimes coated or laminated with a plastic layer. Aluminium foil has been adopted as the natural successor to lead as the material for spin-on capsules for wine bottles. Neck foils are frequently embossed which, apart from giving a distinctive appearance, also makes the labels easy to handle. Other developments have also enabled smooth labels to be used. Labels with partial embossing adding an element of design appeal and individuality are a further option.

Chemical Composition

Alloy	Fe	Si	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Other		Al
										Each	Total	
1235	0.65		0.05	0.05	0.05	-	0.1	-	0.06	0.05	0.15	99.35

Aluminium Capacitor Foil

Application		For Electronic Power Capacitor			
Alloy		1235			
Temper		H18,O			
Thickness(mm)		0.0045 ,0.005, 0.0055,0.006			
Tolerance		0.0045		±5%	
		0.005			
		0.0055			
		0.006		2% -5%	
Tolerance of Width(mm)		±0.5			
Core (mm)			Φ75	Φ150	
Coil O.D.(mm)			≤Φ350	≤Φ550	
Core I.D.(mm)		Φ76.2 /150/152.4			
Splices		Width	≤300	300~350	≤5
		Splices	≤1	≤2	
Mechanical Properties	MPaU.T.S	55100			
	% Elongation	≥1.0			
Unwinding (m)		≤1			
Trace Elements (%)		Pb≤0.01, As≤0.01,Cd≤0.01			
Pin holes(m2)	0.0045	≤8000			
	0.005	≤4000			
	0.0055	≤2000			
	0.006	≤1000			
Norms & Standards		GB3198			

This application of aluminum foil employs not only its good electrical conductivity but also its oxide coating, specially formed (anodized) to make a superior dielectric layer between the two conductors. The dielectric constant of aluminum oxide is higher than that of waxed paper and many other dielectric materials, therefore it can store more electrons per unit of area. The oxide dielectric plate, which determines the size of a given capacitor, does not have to be as large as a paper dielectric "plate" for an equal capacity. Further, the oxide film, even a "thick" one, is thinner than the thinnest tissue paper. This thin film of aluminum oxide reduces the bulk of the capacitor; but more important, its thinness also increases the capacitance per unit of area.

Another advantage of aluminum foil for electrolytic capacitors is that the foil is readily etched.

This is important because etching greatly increases the true surface area which, when anodized, results in a far larger dielectric plate capacity.

8

Printed aluminium foil/sheet

Alloy:	8011
Temper:	O
Thickness:	0.02-0.06mm
Width:	100~1220mm
Coil ID:	75, 150
Colors: any color and design as per customer's request	

Chemical Composition

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 R_m/(N/mm^2)	Elongation %(>=)	
				A_{50mm}	A_{100mm}
8011	O	0.02～0.024	50～105	-	1
		0.025～0.040	55～110	-	4
		0.041～0.089	60～110	-	8

For many types of confectionery aluminium foil's barrier and decorative properties can be vital components. Many chocolate products are stored for long periods but, when exposed to moisture and light, it deteriorates and the surface can quickly lose its attractive gloss. Aluminium foil or laminate offers the best protection, providing a total barrier to light, moisture, and any penetration of aroma and flavour.

Additionally it can be folded tightly to the surface of chocolate. For all types of confectionery, aluminium foil's glittering metallic surface also brings colour and impact, adding to the fun and enjoyment of the product.

Even with individual film or waxed paper wrapping, boiled sugar sweets can absorb moisture and lose flavour unless they are enclosed in a sealed aluminium foil laminate barrier. Twist-wrapped chocolates and sweets also benefit from the extra brightness and protection of an inner layer of aluminium foil. Laminated wrappers and 'tubes' are widely used to protect many brands of fruit flavoured and medicated lozenges as well as chewing gum products.

For confectionery sold in warm climates, there are special 'insect proof' foil specifications. This protection is very effective for products containing nuts or raisins.

9

Aluminium Hydrophilic/Plain Fin Stock Foil

Alloy:	1100, 8011
Temper:	O, H18, H22, H24, H26
Thickness:	0.08~0.20mm
Width:	100~1240mm
Coil ID:	75, 150, 505

Chemical Composition

Alloy	Fe	Si	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Other		Al
										Each	Total	
1100	0.95		0.05~0.20	0.05	-	-	0.1	-	-	0.05	0.15	99
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

Mechanical Compositions

Aolly,temper and mechanical performance under room temperature				
Alloy	Temper	Mechanical performance under room temperature		
		Tensile(∮b, Mpa)	Elongation(e%)	Erichson(IE,mm)
1100, 8011	O	80-110	>20	>6.0
	H22	100-135	>16	>5.5
	H24	115-145	>12	>5.0
	H26	125-160	>8	>4.0
	H18	>160	>1	--
Re:if customers have special requirements,pls indicate them in purchase order				

Usually supplied specification				
Thickness and tolerance	Width and tolerance (mm)	Core ID (mm)	Max OD for Finish products (mm)	Core material
0.08~0.02 (+/-0.005)	100~1100(+/-0.5)	∮75, ∮150,	∮</=1400	Paper,aluminium,steel

Hydrophilic foil coating performance

No.	Item index		Technique index
1	Film thickness		1.0~2.0um (Single side average thickness)
2	Hydrophile	Primary contact angle	Primary contact angle≤10°

		Continuous contact	Continuous contact≤20°
3	Anderence		Erichson test(press deeply to 5mm):no peeling Gridding test(100/100):no plunger separation
4	Corrosion resistance		Salt spray test(72 hours)
5	Alkali resistance		Dipped in 20% NaOH in 20℃ for 3 minutes, Absolutely no blister
6	Impregnant resistance		Sample weight loss 1%
7	Heat resistance		Under 200℃,for 5 minutes,performance and Colour unchanged Under 300℃,for 5 minutes,the coating film Becomes a little yellow
8	Oil proof		Dip in volatile oil for 24 hour, no blisters on the coating film
9	Odor of the coating film		No order
10	Abrasion to mould		Same as ordinary aluminium foil

The hydrophilic foil has a layer coating material, which has the performance of high corrosion resistance, no white powder, no pollution, without water bridge, high heat exchange effciency, reducing windage, save energy and so on. The hydrophilic fins improve the heat exchange by absorbing the water on its surface and by spreading the water instead of forming water droplets. Coated finstock have more advantages compared to conventional finstock because of its hydrophilic and corrosion resistant properties. These are in high demand as they increase the efficiency of heat exchangers and capacity of cooling equipment such as air conditioners which can now come in smaller, compact sizes. The range of coated finstocks are available in organic series, inorganic series and hybrid series. Other sizes and customized solutions are available.

10

Aluminium Hot Seal Foil

Alloy:	1235, 1200, 8011
Temper:	O
Thickness:	0.02~0.08mm
Width:	100~1220mm
Coil ID:	75, 150
surface finishing: both sides brightone side bright, one side matte	

Chemical Composition

Alloy	Fe	Si	Cu	Mn	Mg	Cr	Zn	Ni	Ti	Other	Al

										Each	Total	
1200	1		0.05	0.5	-	-	0.1	-	-	0.05	0.15	99
1235	0.65		0.05	0.05	0.05	-	0.1	-	0.06	0.05	0.15	99.35
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	Elongation %(>=)	
			R_m/(N/mm^2)	A_{50mm}	A_{100mm}
1200	O	0.02～0.04	50～105	-	3
		0.041~0.08	55～100	-	6
1235	O	0.02～0.04	45～100	-	2
		0.041~0.08	45～100	-	4
8011	O	0.02～0.04	55～110	-	4
		0.041~0.08	60～110	-	8

As a robust and non-corrosive material, aluminium foil has played a key role in the packaging of dairy products. Alufoil helps to retain essential quality, condition and taste until the moment of use.

Milk, cream and yoghurts packaged in sterile cartons makes it possible to preserve their intrinsic properties, without refrigeration, due to a very thin layer of aluminium foil. These long-life packs are impervious to light, odour and gases, while at the same time providing a crucial barrier to light and oxygen and the preservation of essential vitamins. Such aseptic cartons are lightweight and designed for efficient transportation, storage and on-shelf display. Most importantly, without the need for refrigeration due to the alufoil layer, considerable savings in energy resources along the supply chain can be achieved.

The compatibility of aluminium foil with heat-seal lacquers, coupled with the metal's excellent heat conductivity and stability, makes it the ideal material for capping and heat-sealing of all types of plastic milk containers. Whether the milk is fresh, aseptically filled or sterilised in the container, the foil/coating combination can be designed to meet the demands of processing and distribution. A foil diaphragm solves the problem of achieving a reliable screw-top closure for blow-moulded milk bottles. This is heat-sealed to the bottle opening using induction heating. Only the metal foil becomes heated by a high frequency electro-magnetic field which is applied after filling and capping. Although reliably sealed, the foil can be peeled away cleanly thanks to coatings that combine seal strength with peelability.

---

11 aluminium foil for hair dressing, aluminium hair dressing foil, salon aluminium foil, hair salon foil, colored aluminium foil for hair salon

Aluminium Hair Dressing Foil

Alloy:	8011
Temper:	O

Thickness:	0.011~0.02mm
Width:	100~1220mm
Coil ID:	75, 150

Chemical Compostion

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	Elongation %(>=)	
			R_m/(N/mm^2)	A_{50mm}	A_{100mm}
8011	O	0.0090～0.0120	60～100	-	1.5
		>0.0120～0.0180	65～110	-	1.5
		>0.0180～0.020	55～105	-	1

Aluminium foil for hair dressing is suitable for varied perm and dyeing performance. It is fashionable represebtative in the hari dressing field. It has been growing into vogue all over the world since it came out. The professional hair dressing foil is varied in sort and specification. The foil could be supplied in coil status, but also different size sheet and folded sheet. The surface of the foil could be embossed and printed on varied patterns and colors.

Company profile

Haomei Aluminum is located in famous aluminum capital of Zhengzhou, Henan province. We are professional aluminum manufacturer, mainly produces series-1, series-3, series-5, series-6 and series-8 pure aluminum and aluminum alloy plate/strip/foil products,aluminum strip,aluminum foil(Alumnium Cigarette Packing Foil (Double Zero Foil),Aluminium Household Foil,Aluminium Container Foil/Pre-lubricated Container Foil,Aluminium Pharmaceutical Foil,Aluminium Cable Foil,Aluminium Beer Mark Foil,Aluminium Foil For Electronic Power Capacitor,Printed aluminium foil/sheet,Aluminium Hot Seal Foil),aluminum sheet,aluminum plate,aluminum hot rolled plate and aluminum tread plate,such as hot -rolled thick plate, ROPP cap materials, aluminum circle/disc for cookware and lighting, aluminum drilling entry for PCB, aluminum tape for aluminum plastic tube, aluminum baseplate for PS plate, aluminum bright finish tread plate, aluminum circles, aluminum checkered plate, PP cap materails and others. .

We would like to highlight our aluminum foil, aluminium circle, aluminum strip,aluminum sheet,aluminum plate,aluminum ROPP cap materials, aluminum hot rolled plate and aluminum tread plate with good quality and competitive price.

Contact Us

Tel: +86-371-65621391

Fax: +86-371-65621393

Mobile: +86-13938245529

E-mail: alu@haomeicn.com

Mill Add: Xiaoguan Town, Gongyi, Henan,China

Office Add: 1103, First Int., No.14 Waihuan Road, CBD, Zhengzhou, China

Zip code: 450000