

Guangzhou MerryNewon Packaging Technology CO., LTD.

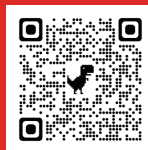
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PROFESSIONAL ALUMINUM PACKING

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Cooperative
Consultation



Wechat QR
code

ALUMINUM ALUMINUM

The periodic Table
of elements:
atomic numbers

13 26.9815
Al
Aluminium

relative
atomic mass

symbol of
element

Aluminum

The metal element aluminum, symbol Al, atomic number 13, is silvery white, easily ductile, tough and light, and has good electrical and thermal conductivity. Aluminum is used as electric wire and cable, and aluminum alloy is used to make aircraft, rockets, doors and windows, daily utensils, etc.

13 [Iǔ] 26.9815

AL

PACKING

CHARACTERISTICS OF ALUMINUM

1	1.008	H	Hydrogen
3	6.941	Li	Lithium
4	9.012	Be	Beryllium
11	22.989	Na	Sodium
12	24.304	Mg	Magnesium
19	39.098	K	Potassium
20	39.098	Ca	Calcium
37	85.468	Rb	Rubidium
38	85.468	Sr	Strontium

In the periodic table, the activity of the same period decreases to the right in turn, and the activity of the same main group decreases to the alkaline metals and the alkaline earth metals become excessive metals Secondary enhancement, so that aluminum is more reactive than iron, and aluminum in dry air, the surface will form the main metal non-metallic halogen noble gas A dense oxide film that prevents further oxidation of aluminum and resists water, iron, and oxygen from air After the reaction of gas and water, the oxide is loose, and the air and water vapor solution pass through

Iron is in group 8m of the fourth period

Aluminum is in group 13 of the third period

碱金属	碱土金属	过渡金属			
主族金属	非金属	卤族元素	稀有气体		
5	6	7	8	9	10
B	C	N	O	F	Ne
Boron	Carbon	Nitrogen	Oxygen	Fluorine	Neon
13	14	15	16	17	18
Al	Si	P	S	Cl	Ar
Aluminum	Silicon	Phosphorus	Sulfur	Chlorine	Argon
27	28	29	30	31	32
Co	Ni	Cu	Zn	Ga	Ge
Cobalt	Nickel	Copper	Zinc	Gallium	Germanium
45	46	47	48	49	50
Rh	Pd	Ag	Cd	In	Sn
Rhodium	Palladium	Silver	Cadmium	Indium	Tin
75	76	77	78	79	80
Re	Os	Ir	Pt	Au	Hg
Rhenium	Osmium	Iridium	Platinum	Gold	Mercury
101	102	103	104	105	106
Db	Sg	Bh	Hs	Mt	
Dubnium	Seaborgium	Bohrium	Hassium	Moscovium	
117	118	119	120	121	122
Ts	Og	Uue	Uub	Uut	Uuq
Tennessine	Oganesson	Ununennium	Unbinilium	Untrium	Unquadium

The periodic Table of elements: atomic numbers

13	26.9815	Al	relative atomic mass
		Aluminum	symbol of element
		Aluminum	Aluminum

the density of aluminum is: 2.7g/cm³

Atomic structure diagram



26	55.845	Fe	relative atomic mass
		Iron	symbol of element
		Iron	Iron

the density of iron is: 7.86g/cm³



The density of a metal is related to the relative atomic mass (core factor), the atomic radius (core factor) and other factors.

In the periodic table, the relative atomic mass of aluminum is 26.981 5, which is smaller than the atomic mass of iron, which is 55.845. It is smaller. In general, except for rare gases, the larger the number of atomic layers, the larger the atomic radius. In the periodic table, the number of periods = the number of atomic layers (as in the atomic structure on the left), and aluminum has a smaller atomic radius than iron. According to scientific calculations, the density of aluminum is 2.7g/cm³, the density of iron is 7.86g/cm³, and the density of aluminum is about 1/3 of that of iron.

Aluminum, with its own chemical structure and inherent properties, possesses the following high-quality properties

Low melting point	can be enhanced
Samll density	Non-toxic
Good corrosion resistance and weather resistance	Good moldability, easy to process
Good thermal and electrical conductivity	CHARACTERISTICS OF ALUMINUM
Exquisite	Chemical resistant
Low Temperature Properties	High reflective
Non-magnetic, non-sparking impact	

ALUMINUM MATERIALS MARKET APPLICATION

Aluminum materials market applications Structure determines nature, nature determines use, because of its superior nature, aluminum is accepted by all walks of life, aluminum materials gradually improve the industrial chain of various industries, a very wide range of applications



Airplanes, space vehicles ,build structures



Food packaging, fish tins, medical instruments, food containers, etc



Building appliances, decoration, automobile, and indoor and outdoor decoration materials, etc



Beverage, food, cosmetics, medicine, industrial products and other packaging



Chemical equipment, acid and chemical product packaging, etc

MARKET RESEARCH IN ALUMINUM PACKAGING DIRECTION



Japan cosmetics Show



Japan cosmetics Show



Japan cosmetics Show



Shenzhen Tea Expo



Guangzhou Tea Expo



Xiamen Beauty Fair



lip blam



Nail ornaments



health products



Powder Puff



Coca Cola



Wine Packaging



Japanese drink



Tea tin



wax



candle



Compost paste



Hair mud



Hair wax



Pet cream

THE ADVANTAGE OF ALUMINUM IN PACKAGING

non-reactive

Efficacy, safety, stability, uniformity, hermeticity, non-pollution, with internal spraying of aluminum packaging does not react with the packaged products

Integral molding has good sealing

The one-piece molding has good sealing performance and good repeated sealing characteristics, which can fully protect the product.

Green Environment Protection

Recyclable metal materials, in line with the development of modern environmental protection concept.

Superior performance of aluminum sheet

With a certain strength, heat and cold resistance, light weight, shading, easy to clean, easy to sterilization and disinfection treatment.

High adaptability

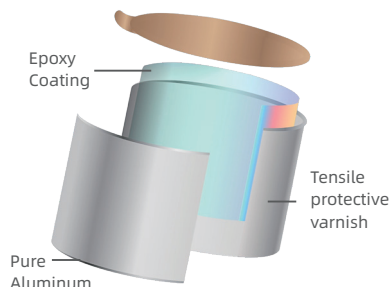
It can adapt to various extremes of temperature, humidity, and temperature differences in the circulation area, and has sufficient resistance to vibration.

no rusting

The aluminum reacts with oxygen in the air to form a layer of aluminum oxide, which separates the aluminum in the inner layer from the air outside, and the aluminum rusts

Light weight

The density of aluminum is only about one-third that of iron. If we take the same size of iron and aluminum, aluminum is lighter than iron and more convenient to transport.



About MerryNewon

merrynewon is committed to aluminum packaging processing application and development, focus on aluminum packaging field

COMPANY PROFILE

Guangzhou Merrynewon Packaging Technology Co.,Ltd is a aluminum packaging design.R&D and production of packaging innovative enterprise.Its registered capital is 10 million yuan.Our service system runs throughout a part of packaging development of design,R&D.manufacturing, etc.We provide customers with a full range of product packaging support.Merrynewon*Packaging Tech-nology stick to the path of " Product -based ,Cooperation and simbiosis ,innovative development" adhering to "Embrace change.Continue to increase value,Accurate Pracitical"corporate values. stride forward in the hot packaging market.In the future.Merrynewon packaging technology will deep in the packaging industry.continuously optimize R&D and production,and make continuous efforts to enhance the value of the industry.

2

It has two major bases in Baiyun Garden and Huadu Factory

8

8 years experience in aluminum packaging design

1000+

Has thousands of sets of aluminum can mold

10000m²

It has 10000²m production and R&D base

3000m²

With 3000m² warehouse and a large number of spot, Alibaba certified gigafactory

50

Packaging products exported to more than 50 countries

200000+

Flexible production, daily output can reach more than 200,000

5000+

Has provided long-term packaging service support for 5000+ enterprises at home and abroad

6

Six development mold engineers

3

3 cooperation modes, research and development, customization quick spot



Huadu Factory District:
Huashan Town, Huadu
District, Guangzhou City
No.8, Longnan Road,
Longkou Village



Baiyun Factory District:
Meilian Packaging
Science and Technology
Park, No. 33, Chentai
Road, Yongxing Village,
Taihe Town, Baiyun
District, Guangzhou

PROCESS



Pure aluminum sheet



Aluminum sheet printing

lid

Body of jar

Stamping



Hemming



Thread and roll-teeth

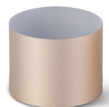


make-up articles



The lid color printing

Body printing



Stamping



Pressure



Flanging



Thread

WHY CHOOSE US

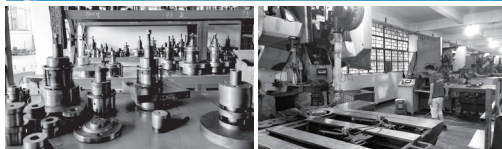
1. RESEARCH & DEVELOPMENT AND PRODUCTION

Merrynewon have a mature R&D and design team, which is equipped with professional teams of packaging designers, 3D modelers, process designers, mold engineers, and NC automation. According to professional production experience to constantly provide customers with targeted production solutions.



2. PRODUCTION CAPACITY SCALE

In terms of production capacity, Merrynewon have thousands of sets of aluminum tin molds, and sufficient raw materials for aluminum sheets for a long time, which can quickly respond the batch and customized needs of customers. We provide scale and flexible production support for our customers.



3. PRODUCTION CAPACITY SCALE

Aluminum sheets inner coating is made of food - grade epoxy resin. Its passed NTEK, SGS and FDA tests. It can directly contact food.



4. BRAND CHOICE

Merrynewon have been deeply involved in the aluminum packaging industry for many years. Its products are widely used in food, beverage, medicine, automobiles, tea and other fields. Currently, it has provided packaging support for more than 5000 companies at home and abroad, many of them are well-known domestic and foreign companies.

Merrynewon Aluminum Packaging Solutions

1. PACKAGE REASERCH

The company need to develop new aluminum packaging products, Mr. Chen focus on the R&D t-eam of Merrynewon, One-on-one product manager matchmaking, process discussion, exchange of ideas, program development



Designers are involved in projects to efficiently develop specific processes, which can eliminate high proofing and R&D costs

Fast proofing, landing production

Merrynewon equipped with a variety of process machines, to make a variety of process samples in the fastest time Confirmation of samples can be arranged for mass production



New Product Preview



1688/WeChat scan code

Product manager



WeChat scan code



1. PRINTING CUSTOMIZATION

Mr. Chen intends to explore the market and develop new brand packaging, then he chooses Merryenwon personalized customization service. Matching orders online, standardized drawings with ERP management system, accurate communication of customization requirements, and processing on the basis of inventory specifications with minimum time and cost to get personalized packaging.



2. CUSTOM STYLE

Embossing engrave

Order qty recommendation:

5000pcs Remark (high cost-effective)

Advantage: three-dimensional texture, highlighting the brand image. Suitable for products with a deep demand for texture.



Sticker label

Sticker printing

Unlimited order quantity

Advantage: low cost, fast,
Can make any pattern, suitable
for small quantity and
many styles of product series

Color printing

Order qty recommendation:

10,000pcs Remarks(more cost-effective)

Lead time: 15 days at the earliest
(depending on the order)

Advantage: No color limit.
Higher edition fee, suitable for mature brand products

Screen printing

Unlimited order quantity

Advantage: Support 1-4 colors print, outstanding texture, suitable for high grade and rich effect products

Heat transfer printing

Order qty recommendation:

5000pcs Remarks

(more cost-effective)

Advantage: No color limit.
Higher edition fee, suitable for
mature brand products

3. QUICK SPOT

We have 3,000 square meters warehouse, equipped with a large number of inventory, matching the advanced ERP inventory management system, quick response on and offline, fast shipping



As a professional aluminum packaging innovation enterprise, we have abundant specifications and sufficient inventory. The stock specifications are up to 100 sizes, for the common specifications on the market is equipped with a large number of stock to meet the needs of customers.



PARTIAL STOCK SPECIFICATION LIST

diameter (mm)	height (mm)	Product number	capacity (ml)
26	14	2515	5
32	16	3216t	5
35	18	3518	10
37	37	3717l	10
39	20	3920	15
40	14	4014t	14
40	16	4016t	16
40	17	4017t	17
40	18	4018l	18
40	20	4020	20
43	55	4355	60
43	86	4386	80
44	103	44103	100
48	18	4818	30
50	65	5065l	80
52	20	5220	30
55	28	5528	60
55	43	5543	60
57	27	5727	50
60	46	6046t	60

diameter (mm)	height (mm)	Product number	capacity (ml)
60	48	6048	100
62	22	6222	60
64	78	6478	200
65	50	6550l	100
68	25	6825	60
68	28	6828	70
68	35	6835	80
68	42	6842	120
75	25	7525k	100
75	35	7535	100
75	60	7560t	180
75	70	7570	180
80	28	8028t frosted gold	100
80	50	8050t	200
83	23	8323	100
83	28	8328	100
83	38	8338	150
92	45	9245	200
100	30	10030	180
100	40	10040	250

MERRYNEWON TABLE SHOWING THE MOULD

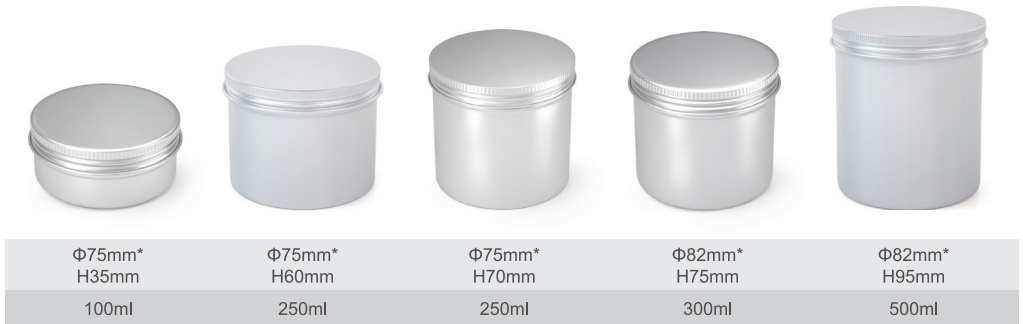
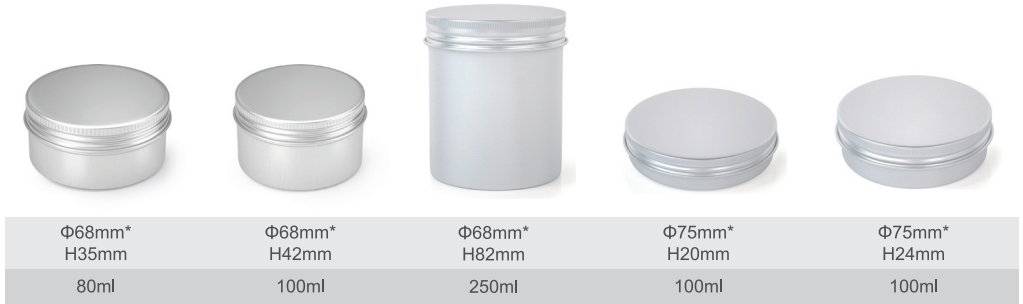
THREAD

					
Φ27mm* H15mm	Φ35mm* H18mm	Φ39mm* H20mm	Φ40mm* H18mm	Φ40mm* H20mm	Φ40mm* H50mm
5ml	10ml	20ml	15ml	15ml	50ml

					
Φ43mm* H55mm	Φ43mm* H86mm	Φ44mm* H103mm	Φ47mm* H24mm	Φ48mm* H17mm	Φ50mm* H20mm
60ml	100ml	100ml	30ml	25ml	30ml

					
Φ50mm* H50mm	Φ51mm* H32mm	Φ52mm* H58mm	Φ55mm* H45mm	Φ56mm* H26mm	Φ58mm* H22mm
70ml	50ml	60ml	80ml	50ml	50ml

				
Φ60mm* H45mm	Φ60mm* H48mm	Φ64mm* H78mm	Φ68mm* H25mm	Φ68mm* H28mm
80ml	100ml	200ml	60ml	70ml





Φ83mm*
H28mm

100ml



Φ83mm*
H38mm

150ml



Φ92mm*
H45mm

200ml



Φ93mm*
H118mm

750ml



Φ100mm*
H30mm

180ml



Φ100mm*
H38mm

180ml



Φ100mm*
H40mm

250ml



Φ108mm*
H26mm

180ml



Φ108mm*
H37mm

180ml



Φ108mm*
H45mm

300ml



Φ135mm*
H55mm

700ml



Φ135mm*
H85mm




1000ml


Φ135mm*
H154mm






1800ml

SINGLE THREAD

							
Φ35mm* H17mm	Φ37mm* H17mm	Φ40mm* H18mm	Φ45mm* H18mm	Φ45mm* H20mm	Φ45mm* H26mm	Φ45mm* H36mm	Φ45mm* H38mm
15ml	15ml	15ml	25ml	25ml	30ml	50ml	50ml

						
Φ45mm* H75mm	Φ46mm* H27mm	Φ48mm* H18mm	Φ50mm* H20mm	Φ50mm* H40mm	Φ50mm* H40mm	Φ50mm* H65mm
90ml	50ml	30ml	50ml	50ml	50ml	90ml

					
Φ52mm* 20mm	Φ55mm* H28mm	Φ61mm* H48mm	Φ65mm* H44mm	Φ65mm* H50mm	Φ65mm* H85mm
50ml	60ml	100ml	120ml	120ml	220ml

				
Φ68mm* H25mm	Φ68mm* H35mm	Φ68mm* H42mm	Φ69mm* H14mm	Φ75mm* H40mm
60ml	80ml	120ml	30ml	150ml



Φ80mm*
H50mm

180ml

Φ82mm*
H100mm

500ml

Φ83mm*
H75mm

250ml

Φ90mm*
H23mm

150ml



Φ90mm*
H28mm

150ml



Φ108mm*
H37mm

200ml



Φ108mm*
H45mm

280ml



Φ115mm*
H40mm

300ml

ALUMINUM JAR WITH CLEAR WINDOW



Φ25mm*
H15mm

5ml



Φ32mm*
H18mm

10ml



Φ35mm*
H16mm

10ml



Φ40mm*
H18mm

15ml



Φ45mm*
H18mm

25ml



Φ46mm*
H27mm

30ml



Φ50mm*
H25mm

30ml



Φ50mm*
H25mm

30ml



Φ50mm*
H32mm

30ml



Φ52mm*
H20mm

25ml



Φ57mm*
H27mm

60ml



Φ60mm*
H30mm

60ml



Φ60mm*
H45mm

100ml



Φ60mm*
H46mm

100ml



Φ65mm*
H50mm

150ml



Φ68mm*
H25mm

60ml



Φ68mm*
H35mm

80ml



Φ68mm*
H42mm

100ml



Φ75mm*
H20mm

150ml



Φ75mm*
H35mm

120ml



Φ75mm*
H40mm

120ml



Φ75mm*
H60mm

150ml



Φ75mm*
H60mm

150ml



Φ75mm*
H70mm

250ml



Φ80mm*
28mm

150ml



Φ80mm*
H50mm

180ml



Φ80mm*
H100mm

400ml



Φ82mm*
H28mm

100ml



Φ82mm*
H28mm

100ml



Φ82mm*
H38mm

150ml



Φ82mm*
H38mm

150ml



Φ82mm*
H75mm

220ml








Φ92mm*
H45mm






200ml

FLIP LID

							
Φ28mm* H16mm	Φ32mm* H16mm	Φ35mm* H18mm	Φ40mm* H14mm	Φ45mm* H18mm	Φ45mm* H38mm	Φ48mm* H17mm	Φ50mm* H12mm
5ml	10ml	10ml	15ml	25ml	30ml	25ml	15ml

					
Φ50mm* H18mm	Φ50mm* H20mm	Φ50mm* H35mm	Φ52mm* H20mm	Φ53mm* H37mm	Φ60mm* H30mm
30ml	30ml	50ml	30ml	50ml	50ml

					
Φ60mm* H46mm	Φ62mm* H22mm	Φ65mm* H50mm	Φ68mm* H25mm	Φ68mm* H28mm	Φ75mm* H19mm
120ml	50ml	120ml	60ml	60ml	60ml

				
Φ75mm* H25mm	Φ75mm* H40mm	Φ75mm* H60mm	Φ77mm* H33mm	Φ77mm* H51mm
75ml	100ml	150ml	100ml	150ml



Φ80mm* H22mm	Φ80mm* H28mm	Φ80mm* H50mm	Φ82mm* H28mm	Φ82mm* H37mm
100ml	100ml	180ml	100ml	150ml



Φ92mm* H39mm	Φ92mm* H116mm	Φ108mm* H33mm	Φ108mm* H37mm
200ml	750ml	200ml	230ml








Φ108mm* H45mm	Φ110mm* H45mm	Φ145mm* H25mm
350ml	350ml	200ml






BAYONET



Φ34mm* H19mm	Φ40mm* H20mm	Φ44mm* H33mm	Φ50mm* H20mm	Φ50mm* H25mm	Φ65mm* H30mm	Φ75mm* H35mm
15ml	15ml	15ml	30ml	30ml	80ml	100ml

DOUBLE COVER

				
Φ60mm* H46mm	Φ64mm* H78mm	Φ65mm* H70mm	Φ65mm* H85mm	Φ65mm* H115mm
60ml	230ml	220ml	250ml	355ml

				
Φ75mm* H70mm	Φ82mm* H75mm	Φ82mm* H100mm	Φ93mm* H116mm	Φ96mm* H136mm
250ml	375ml	500ml	750ml	890ml

SQUARE BOX

					
Φ60mm* 47mmH46mm	Φ72mm* 53mmH25mm	Φ84mm* 62mmH27mm	Φ95mm* 70mmH28mm	Φ69mm* 69mmH26mm	Φ76mm* 76mmH27mm
60ml	80ml	100ml	150ml	100ml	130ml

			
(Aluminum tin cap/lid)	(grid tray)	(Aluminum tin bottom)	Φ97mm* 67mmH30mm
* Square box set of three			200ml

ALUMINUM PACKAGING FOR DAILY NECESSITIES

PHARMACEUTICAL PACKAGING SERIES

In medicine packaging, the light-proof, moisture-proof and oxidation-proof properties of aluminum packaging increase the stability of the drug during storage. The threaded design of the deep tin solves the problem of non-sealing and prevents moisture. It is coated with food-grade epoxy resin, which is safe and secure.

Aluminum Tin Information Specification Sheet

capacity (ml)	Product number	diameter (mm)	capacity (mm)	Capsule No.0(star)	Capsule No.1(star)	Capsule No.2(star)
40	3552	35	52	25	35	45
50	4050	40	50	35	50	50
60	4355	43	55	45	60	60
80	5065	50	65	80	100	120
100	4386	43	86	75	100	110
100	44103	44	103	90	120	140
200	6478	64	78	140	200	220
260	6585	65	85	175	240	300



Aluminum Bottle Information Specification Sheet

capacity (ml)	Product number	diameter (mm)	capacity (mm)	Capsule No.0(star)	Capsule No.1(star)	Capsule No.2(star)
90	4090	40	90	124	165	223
130	45100	45	100	100	140	180
160	3518	50	100	124	165	223
180	50110	50	110	140	190	250
180	55110	55	110	170	230	300
380	55176	55	176	280	390	450



COSMETICS PACKAGING SERIES

In the cosmetic industry, small-size aluminum tins are usually used for creams products, such as skin creams, mugwood creams, lip balms, hand creams, setting powders, and so on. Since the chemical properties of aluminum packaging are very stable, there is no rusting of creams and lotions. In addition, aluminum is highly resistant to light, so it can protect the stability of the internal products.



WAX PRODUCTS PACKAGING SERIES

For wax products, aluminum tins can be used for car wax, hair wax, candles, billiard wax and other wax products. With abundant specifications and support for small quantity customization, Merrynewon Packaging is more flexible in the customization of wax products. The lightness of aluminum tins can greatly reduce the cost of exports, so it is the more popular aluminum packaging for wax products foreign trade dealers.



TEA PACKAGING SERIES

At present, tea brands are committed to the pursuit of young in recent years for the tea market, trendy direction. Merrynewon is actively participates in the independent development of tea brand packaging, helps tea brand more youth, and make tea packaging with creativity



FOOD PACKAGING SERIES

Aluminum material is an excellent food packaging material, can contact food directly while without reaction , effectively protect food, light, moisture and oxidation prevention; not rust when touch with water; Light weight and easy to carry; Safe and hygienic, and can be reused, aluminum material is one of the important choices in the field of food packaging.



EASY PEEL PACKAGING SERIES

Easy to open: Improve the convenience and comfort when opening. 2. Safety: Easy-to-tear aluminum cans can reduce safety hazards when using knives or other tools. 3. Tightness and freshness preservation: Aluminum tin with easy-to-tear lid can better to keep the freshness and quality, thus extending the shelf life of products, improving the quality and hygiene standards of products, and promoting sales. 4. Aluminum tin with easy-to-tear LIDS are easier to recycle and reuse.



Aluminum Tin Information Specification Sheet

capacity (ml)	Product number	diameter (mm)	capacity (mm)	Powdery object(g)	tea (g)
220	6570	65	70	100	33
250	6585	65	85	120	40
355	65115	65	115	160	55
375	8275	82	75	170	60
500	82100	82	100	230	78
750	93116	93	116	330	130



INNOVATIVE POTENTIAL ALUMINUM PACKAGING

