



引领铝业未来……



化学成分

Chemical composition (for reference)

产品名称 Product's Name	用途 Final Application	厚度及公差 Thickness	宽度 Width	长度 Length	合金 Alloy	状态 Temper	卷心 Inner Diameter (I.D.)	外径 Outside Diameter (O.D.)
空调铝箔 Aluminum foil for Fin-Stock of A/C	空调散热器、冷凝器 Heat exchanger & Condensator for A/C	0.08-0.3 mm	100-1068 mm		8011, 1100 1030B 3102, 3003	O, H22 H24 H26	75mm, 150mm 200mm, 300mm	400-900mm
家用铝箔 Household aluminum foil	家用软包装 Soft packing in household	0.01-0.02 mm	200-1250 mm		8011, 1235 1145, 3000	O, H22	75mm, 150mm	400-900mm
药用铝箔 Pharmaceutical foil	药品包装 Packing for Medicine	0.018-0.025 mm	200-1250 mm		8011, 3003	H18	75mm, 150mm	400-900mm
烟箔 Cigarette Foil	衬纸后包装香烟 Packing for Cigarette	0.0065-0.007 mm	480-520 mm		8011	O	75mm	400mm
半刚性容器箔 Semi-Rigid Container foil	航空餐具、快餐盒等食品包装 Food Container applied in aviation Ect.	0.06-0.09 mm	300-600 mm		8011, 1200 3003	H24	75mm, 150mm	400-900mm
电缆铝箔 Aluminum foil for Cable	电缆 Cable	0.1-0.2mm	100-1000 mm		8011, 1050 1060, 1035 1145, 1235 1100, 1200	O H22 H24	75mm, 150mm	客户指定 Clients' target
瓶盖和铝卷(板) Aluminum Coil (Sheet) for bottle cap	各类瓶盖 Many kinds of bottle cap	0.15-0.7mm	30-1000 mm		8011, 1070	H14 H16	75mm, 150mm 300mm, 400mm 500mm	400-1500mm
铝带、铝卷 Aluminum strip / coil	软管、建筑、铝箔配料等; Soft pipe / Construction/ cast coil, Ect.	0.05-10mm	10-150mm		1xxx, 3xxx, 5xxx, 8xxx	F, O, H12, H14 H16, H18 H19, H22 H24, H26, H15	75mm, 150mm 300mm, 400mm 500mm	400-1500mm
氧化压花铝板、卷 Embossed Stucco Sheet / Coil (Oxalizing)	冰箱、冷柜等 Refrigeration Ect	0.3-1.5mm	1200mm (Max)	6M (Max)	1060	H24, H26 H15		
光铝板 Plain Aluminum Sheet	建筑、装饰等 Construction /decorate Ect.	0.2-4.0mm	1500mm (Max)	6M (Max)	1xxx, 3xxx 5xxx, 8xxx	F, O, H12 H14, H16 H18, H19 H22, H24 H26		

No.	Alloy 合金	Si 硅	Fe 铁	Cu 铜	Mn 锰	Mg 镁	Cr 铬	Ni 镍	Zn 锌	Ti 钛	OTHERS 其他	Al 铝
											SINGLE 单个	TOTAL 总和
1	1070	0.2	0.25	0.04	0.03	0.03			0.04	0.03	0.03	99.7
2	1060	0.25	0.35	0.05	0.03	0.03			0.05	0.03	0.03	99.6
3	1050	0.25	0.40	0.05	0.05	0.05			0.05	0.03	0.03	99.5
4	1145	Si+Fe 0.55		0.05	0.05	0.05			0.05	0.03	0.03	99.45
5	1100	Si+Fe 0.95	0.05-0.20	0.05					0.10		0.05	99.0
6	1200	Si+Fe 1.00		0.05	0.05				0.10	0.05	0.05	99.0
7	1235	Si+Fe 0.65		0.05	0.05	0.05			0.10	0.06	0.03	99.35
8	3003	0.6	0.7	0.05-0.2	1.0-1.5				0.1		0.05	0.15
9	8011	0.5-0.9	0.6-1.0	0.1	0.2	0.05	0.05		0.1	0.06	0.05	0.15
10	3105	0.6	0.7	0.3	0.3-0.8	0.2-0.8	0.2		0.4	0.1	0.05	0.15
11	3004	0.3	0.7	0.25	1.0-1.5	0.8-1.3			0.25		0.05	0.15
12	3005	0.6	0.7	0.3	1.0-1.5	0.2-0.6	0.1		0.25	0.1	0.05	0.15
13	3103	0.5	0.7	0.1	0.9-1.5	0.3	0.1		0.2	0.1	0.05	0.15
14	5005	0.3	0.7	0.2	0.2	0.5-1.1	0.1		0.25		0.05	0.15
15	5052	0.25	0.4	0.1	0.1	2.2-2.8	0.15-0.35		0.1		0.05	0.15
16	5082	0.2	0.35	0.15	0.15	4-5.0	0.15		0.25	0.1	0.05	0.15
17	5083	0.4	0.4	0.1	0.4-1	4-4.9	0.05-0.25		0.25	0.15	0.05	0.15
18	5086	0.4	0.5	0.1	0.2-0.7	3.5-4.5	0.05-0.25		0.25	0.15	0.05	0.15
19	6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35		0.25	0.15	0.05	0.15
20	6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1		0.1	0.1	0.05	0.15
21	6082	0.7-1.3	0.5	0.1	0.4-1.0	0.6-1.2	0.25		0.2	0.1	0.05	0.15
22	7075	0.4	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28		5.1-6.1	0.06	0.05	0.15



引领铝业未来……

ALUMINUM

铝及铝合金板带材的厚度公差 (仅供参考) Aluminium and aluminium alloy sheet/strip tolerance (For reference)

1、厚度公差 / THICKNESS TOLERANCE.(MM)

厚度 THICKNESS	标准宽度 / SPECIFIED WIDTH			
	≤1000	>1000-1500	>1500-2000	>2000-2500
	厚度公差 / THICKNESS TOLERANCE			
>0.20-0.40	± 0.025	± 0.040		
>0.40-0.63	± 0.040	± 0.050	± 0.05	± 0.09
>0.63-0.80	± 0.045	± 0.060	± 0.06	± 0.10
>0.80-1.00	± 0.050	± 0.06	± 0.09	± 0.11
>1.00-1.20	± 0.06	± 0.06	± 0.10	± 0.14
>1.20-1.60	± 0.06	± 0.09	± 0.13	
>1.60-2.00	± 0.06	± 0.10		
>2.0-2.50	± 0.06	± 0.10		
>2.5-3.20	± 0.10	± 0.13		
>3.20-4.00	± 0.14	± 0.17		
>4.00-5.00	± 0.18	± 0.23		
>5.0-6.30	± 0.23			
>6.3-10.00				
>10-16			± 0.69	± 0.81
>16.00-25.00			± 0.94	± 1.1
>25.0-40			± 1.2	± 1.4
>40-60.00	± 1.4	± 1.4	± 1.55	± 1.8
>60.00-80.00	± 1.9	± 1.9	± 2.15	± 2.55
>80.0-100	± 2.55	± 2.55	± 2.90	± 3.20

2、宽度公差 / WIDTH TOLERANCE

厚度 THICKNESS	指定的宽度 / SPECIFIED WIDTH			
	≤250	>250-500	>500-1000	>1000-2000
	宽度公差 / THICKNESS TOLERANCE			
>0.20-3.20	± 1.5	± 2	± 2.5	± 3.0
>3.2-4.50	± 2.0	± 2.5	± 3	± 3.5
>4.50-12.5	± 6	± 7	± 8	± 9

3、长度公差 / LENGTH TOLERANCE

厚度 / THICKNESS	长度公差 / LENGTH TOLERANCE(MM)		
≤4.5	+2.5 -5		
>4.5-10	± 2.5		
>1.20-1.60	± 0.06	± 0.09	± 0.13
>1.60-2.00	± 0.06	± 0.10	
>2.0-2.50	± 0.06	± 0.10	
>2.5-3.20	± 0.10	± 0.13	
>3.20-4.00	± 0.14	± 0.17	
>4.00-5.00	± 0.18	± 0.23	
>5.0-6.30	± 0.23		

4、对角线公差 / DIAGONAL TOLERANCE

LENGTH	宽度 / WIDTH (W)	
	≤1000	>1000
	TOLERANCE (≤)	
≤3500	0.8 × W/100	0.7 × W/100
>3500	0.8 × W/100	1.0 × W/100

素铝箔 Plain Aluminum Foil

公司拥有不可逆式铝箔轧机并安装国际先进水平的板形仪和厚度自动控制系统。主要产品有各类空调用铝箔、电缆用铝箔、印刷用铝箔、建筑用铝箔、包装用铝箔等。

Our company has irreversible cold-rolling unit AFC & AGC system; the main products are foils for air conditioner, cable, printing, construction etc.

素铝箔技术指标 / Technology Standard of Plain Aluminum foil

产品 Product	合金牌号 Alloy	状态 Temper	厚度 Thickness { mm }	宽度 Width { mm }	内径 I.D { mm }	外径 O.D { mm }
素铝箔 Plain Aluminum Foil	1100, 1145 1200, 1235 8011	O, H22 H24, H26	0.01 - 0.2	100 - 1240	75, 150, 200, 300	400 - 1000

注：若客人有特殊要求，双方协商！

Note: If there is special requirement from the customers, it should be negotiated each other before the order.

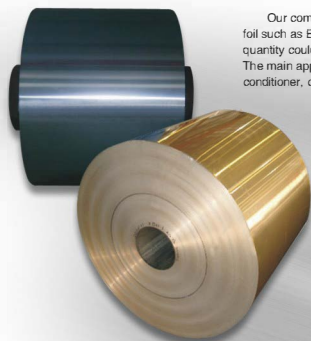




引领铝业未来……



亲水铝箔 Hydrophilic Aluminium foil



Our company could produce many colors hydrophilic aluminium foil such as Blue color, golden color, and Black color. The products' quantity could meet the advanced level in both domestic and world. The main application is household air conditioner, refrigerator air conditioner, car air conditioner & it water tank's main raw material.

本公司可以生产蓝色、金色、黑色等多种颜色的亲水铝箔。产品质量完全达到国内外同行业领先水平，主要用于家用空调、冷藏柜等制冷设备及汽车空调、汽车水箱的重要材料。

亲水箔涂层性能 / The Coating Performance

序号No.	项目指标Item Index	技术指标Technique Index
1	膜厚 Film Thickness	1.0-2.0um(单面平均厚度 / Single side average thickness)
2	亲水性 Hydrophilic	初期亲水角 / Primary Contact angle $\leq 10^\circ$ 持续亲水角 / Continuous Contact $\leq 20^\circ$
3	附着力 Adherence	杯突试验 (压深5mm) 无剥落 Erichsen test(Press Depth 5mm): No peeling 网纹试验 (100/100): 无脱落 Graining test (100/100): No plunger separation
4	耐腐蚀性 Corrosion resistance	盐雾试验 (72小时) R.N ≥ 9.5 Salt spray test (72hours)
5	耐碱性 Alkali resistance	在20℃、20%NaOH中浸泡3分钟试样涂层完全不起泡 Dipped in 20% NaOH in 20℃ for 3 minutes, absolutely no blister
6	耐溶剂性 Impregnant resistance	试样失重 $\leq 1\%$ Sample's weight loss $\leq 1\%$
7	耐热性 Heat resistance	在200℃的温度下, 保持5分钟, 性能及颜色不变 Under 200℃ for 5 minutes, performance and color unchanged 在300℃的温度下, 保持5分钟, 涂层微黄 Under 300℃ for 5 minutes, the coating film becomes a little yellow
8	耐油性 Oil Pool	在挥发油中浸泡24小时, 涂层不起泡 Dipped in volatile oil for 24 hours, no blister on the coating film
9	涂层气味 Odor of the coating film	无异味 No odor
10	对模具磨损 Abrasion to mould	与普通铝箔一样 Same with ordinary aluminium foil

亲水铝箔技术指标 / Specification of Hydrophilic Aluminium foil

产品 Product	合金牌号 Alloy	状态 Temper	厚度 Thickness (mm)	宽度 Width (mm)	内径 I.D (mm)	外径 O.D (mm)
亲水箔 Plain Aluminium Foil	1100, 1200 8011	O, H22 H24, H26	0.08-0.2	100-1240	75, 150, 300, 400	400-1000

合金牌号 Alloy	状态 Temper	室温力学性能 / Mechanical Performance under room temperature		
		抗拉强度 / Tensile Strength (8.b.Mpa)	延伸率 / Elongation (E %)	杯突值 / Erichsen number (IE.mm)
1100	O	80-110	20	6.0
1200	H22	100-135	16	5.5
8011	H24	115-145	12	5.0
	H26	125-160	8	4.0
	H18	160	7	-

常供规格 / Usually Supplied Size

厚度及厚度公差 Thickness & its tolerance (mm)	宽度及宽度公差 Width & its tolerance (mm)	卷心 I.D(mm)	最大外径 Max O.D for final products (mm)	卷心材料 Core Material
0.08-0.1 $^{+0.003}_{-0.002}$ 0.1-0.3 $^{+0.003}_{-0.002}$	100-600 $^{+5}_{-5}$ 600-1400 $^{+10}_{-10}$	75, 150, 200 300, 400	$\Phi \leq 1400$	纸、铝、铜 Paper, Aluminium, Steel





引领铝业未来……

(氧化) 压花铝板 (卷) Embossed Stucco Sheet

用于冰箱、冷柜、建筑、仪器仪表箱。生产工艺先进、设备精良、技术含量高、各种厚度、宽度、规格齐全、充分满足用户需求。

Applied for refrigerator, building, the box of apparatus and instruments with advanced production process, precise equipment, and high technique. The Products have all kinds of thickness, width and specification, which can sufficiently meet the user's demand.



(氧化) 压花铝板 (卷) 技术标准 / Technology Standard For Embossed Stucco Sheet

● 常规规格 / Usually Supplied Specifications

牌号 Alloy	状态 (基材) Temper (Base Material)	规格 / Specification (mm)			压花深度 Embossing Depth (mm)
		厚度 (基材) Thickness (Base Material) (mm)	宽度 Width (mm)	长度 Length (mm)	
1070, 1060, 1050, 1200, 3A21	H14, H24, H26	0.3-1.5	≤1200	根据客户要求 As Per Customer's Requirement	0.06-0.25

注: 用户对牌号、状态、规格有特殊要求时, 由双方共同协商, 在合同中注明。
Re: If customers have special requirements including, not limited to Alloy, Temper, Specification, Please indicating them in purchase

化学成份 Chemical Composition

(氧化) 压花铝板 (卷) 的化学成份符合GB/T3190-1996的规定。
Conform to the GB/T3190-1996

允许偏差 / Tolerance

厚度 (基材) Tolerance of Thickness (Base Material) (mm)	厚度偏差 Tolerance of Width (mm)	压花深度 Embossing Depth (mm)	宽度 Width (mm)	长度 Length (mm)	对角线 Diagonal (mm)
0.30-0.50	0.00-0.05	±0.01	±0.5	±1.0	±1.5
0.50-1.50	0.00-0.10	±0.02	±1.0	±1.5	±2.0

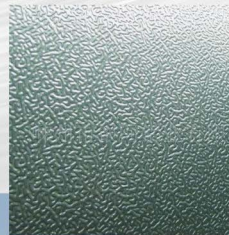
注: 用户有特殊要求时, 由双方共同协商, 在合同中注明。
Re: If customers have special requirements, Please indicating them in purchase

力学性能 / Mechanical Performance

(氧化) 压花铝板 (卷) 的基材室温力学性能试验结果应符合GB/T3880.2-2006的规定
The best result for embossed aluminium sheet's mechanical performance in room temperature should accord with GB/T8544-1997

外观质量 / Appearance

花纹清晰、边缘整齐无毛刺、表面不允许有裂纹、剥边、腐蚀、孔洞等影响用户使用的缺陷。
Clear Texture, smooth edges no burrs. There can't be defects such as split, erosion and holes on the surface which effect using.





引领铝业未来……

电缆铝箔 Cable Aluminium foil

我公司专业生产各种电缆铝箔, 规格规格如下:
The specification of the cable aluminium foil from our company is as following:



产品 Product	合金牌号 Alloy	状态 Temper	厚度 Thickness (mm)	宽度 Width(mm)	卷心 Inner Diameter
电缆铝箔 Cable Aluminium foil	8011、1050、1060 1035、1145、1235 1100、1200	O、H22、H24	0.1-0.2	100-1000	75mm、150mm 300mm、400mm 500mm

注 / Note:1、无接头 No Joint

2、生产客人需要的指定长度/

瓶盖料 Aluminum coil & sheet for bottle cap



产品 Product	合金牌号 Alloy	状态 Temper	厚度 Thickness (mm)	宽度 Width(mm)	备注 Note
防滴盖用铝板 Aluminum sheet for bottle cap	1070、8011	O、H14、H16	0.15-0.7	500-1100	长度 Length (mm) ≤ Φ3000
防滴盖用铝卷 Aluminum coil for bottle cap	1070、8011	O、H14、H16	0.15-0.7	30-1100	卷心 I.D 75mm、150mm、300mm 400mm、500mm

铸轧卷 Aluminium Cast Coil

公司拥有国际先进水平的连续铸轧生产线10条, 年生产能力10万吨。我公司生产的铸轧卷严格控制化学成分、同板差、晶粒度、表面质量等指标, 主要用作铝箔、卷、带、板等产品的坯料。

Our company has 10 advanced continuous casting and rolling units. An annual output of 100,000 tons can be reached. We strictly control the index of chemical, shape, surface etc. They are raw material for foil, sheet, strip etc.



产品 Product	合金牌号 Alloy	状态 Temper	厚度 Thickness (mm)	宽度 Width(mm)	内径 I.D
铸轧卷 Aluminium Cast Coil	1070、1060、1050、1145 1235、1100、1200、3A21 3003、3105、8011	F、H18等	5.0-10	500-1750	Φ500 Φ400



引领铝业未来……

铝卷、铝带 Aluminum coil/strip



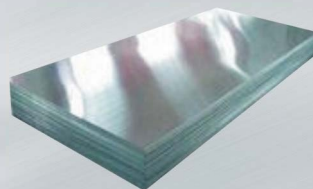
主要产品有冰箱冷柜用高表面优质铝合金卷、带材、电缆用铝卷、带材、电容器外壳用铝卷、带材、铝塑符合管用铝及铝合金卷、带材、家具装饰用等各种卷带材。

The main products are aluminium strip for refrigerator, cable, capacitor shell material, steel-protection cover, cable sheathing etc.

产品 Product	合金牌号 Alloy	状态 Temper	厚度 Thickness (mm)	宽度 Width(mm)	内径 I.D	外径 O.D (mm)		
铝卷 Aluminium coil	1070、1060、1050 1145、1235、1100 1200、3A21、3003 3105、8011	F、O、H12 H22、H14 H24、H16 H26、H18、H19	0.1-0.5	600-1240	Φ75、Φ150、Φ300	500-1200		
			0.5-6.0		Φ400、Φ500			
铝带 Aluminium strip			0.1-0.5	10-600	Φ75、Φ150、Φ300			
			0.5-3.0		Φ400、Φ500			



铝板 Aluminum Sheet



我可以生产多种规格高质量的铝板，具体规格如下：

Our company could produce many kinds of aluminum sheet as following:

产品 Product	合金牌号 Alloy	状态 Temper	厚度 Thickness (mm)	宽度 Width(mm)	长度 Length (mm)
铝板 Aluminum sheet	1070、1060、1050、1145 1235、1100、1200、3A21 3003、3105、8011	O、H22、H14 H24、H16、H26 H18、H19	0.2-4.0	300-1500	500-6000





引领铝业未来……



彩涂卷 Pro-Coated Coils

彩涂线是根据客人的要求将铝卷涂上各种颜色。我公司有先进的三辊反向精密涂漆线，并且可以在密封无尘的条件下工作。因此涂层厚度和涂层的外部表现是可控的。烤箱被分成四个温度可控区使得涂层能够达到最好的耐溶剂性、硬度、光泽度、强大的吸附力和抗腐蚀性。

主要彩涂卷规格如下：

厚度：0.08-1.5毫米；

宽度：300-1500毫米

注：如果客户有其他特殊要求，需与我司实现合同确认。



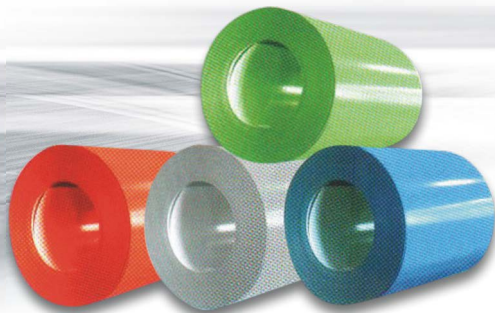
Procoating line is to the chemosynthesized aluminum coils with various paints according to customer's requirements. the company has advanced three-roller reversal precision-coating lines and can operate under sealed, dustless condition so that the thickness of the coating and its outer appearance are under proper control. the oven is divided into four temperature-controlled areas to make the coating reach the best condition in its solvent resistance, hardness, flexibilities and good glossiness, strong adhesive force and corrosion resistance.

Main specification of the precoatng coils:

Thickness: 0.08mm----1.5mm

Width: 300-1500mm

Note: if there is any special requirement from the clients, please pre-confirmed it with us through contract.

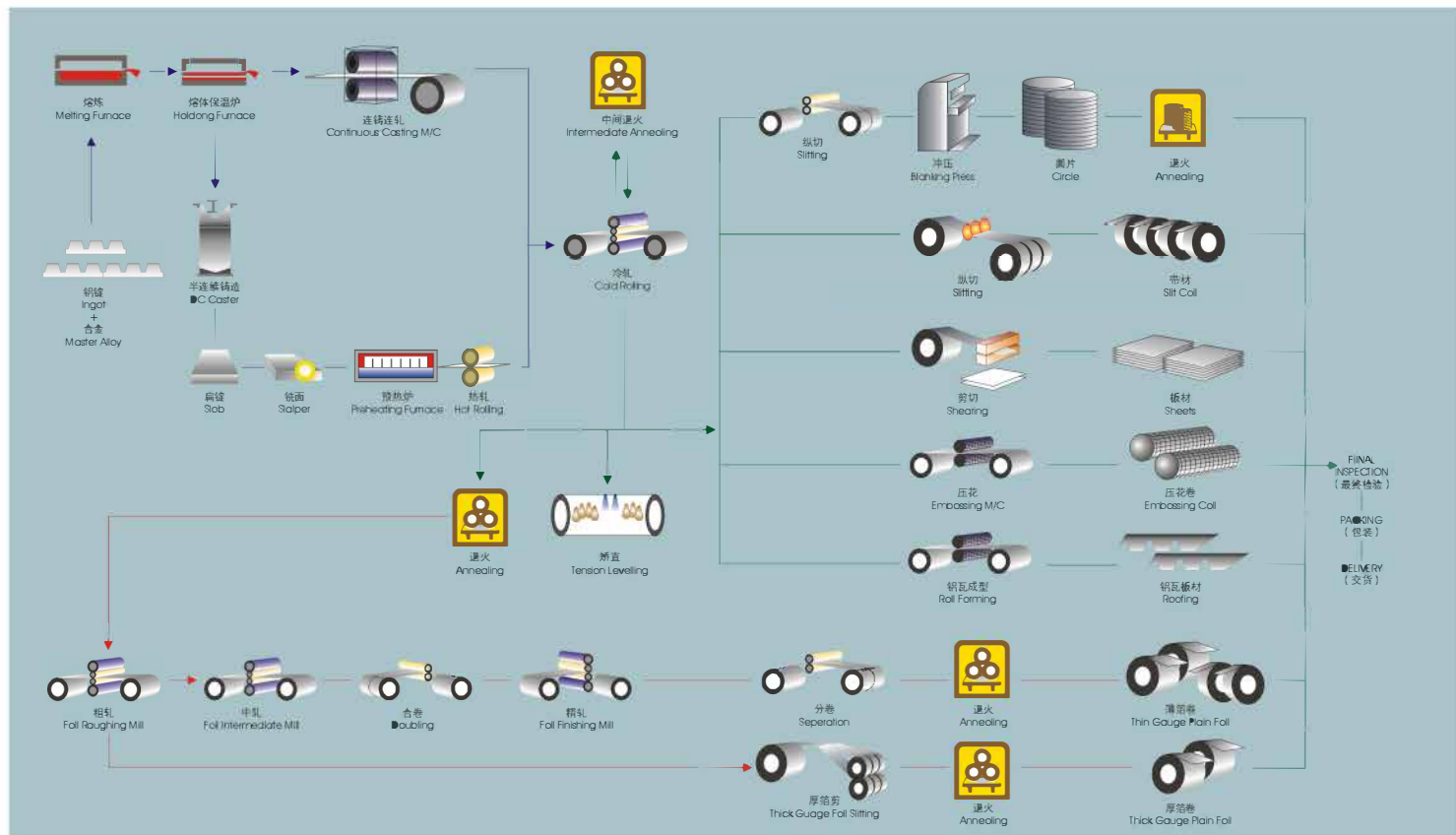


包装 Packaging





引领铝业未来……





引领铝业未来……

研发中心 R & D Center



美国ARL MA型金属分析仪
Metal analyzing type
ARL MA, USA



德国BYK电动液压杯突仪
Electro-pydraulic Cupping Tester Manufactured
by BYK-Gardner, German



AG-5000A电子万能试验机
Autograph Universal Testing
Machine, type AG-5000A

