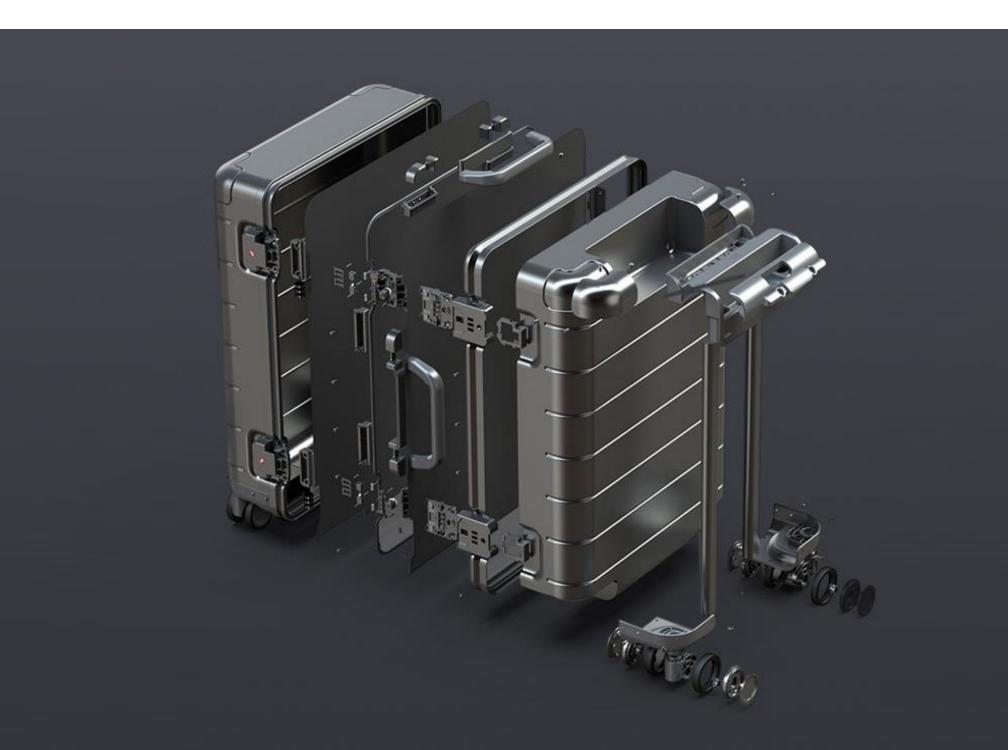


ALUVİX





About us

Dongguan Yachentai Equipment Technology Co., Ltd., since its establishment in 1993, has always been committed to the research, development, design and manufacture of luggage. With a modern workshop of 40,000 square meters, the product line covers many series such as suitcases, cosmetic cases, cosmetic chairs and tool boxes, and provides exquisite, practical and high-quality luggage choices for consumers all over the world with excellent technology and professional production lines.

Excellent quality

We adhere to the principle of quality first, adopt high-quality raw materials and advanced production technology to ensure the durability and reliability of products, and win the trust and praise of customers.

Steady cooperation

As a manufacturer with an international vision, we have established long-term and stable cooperative relations with many well-known brands and distributors, and jointly created many eye-catching products.

professional services

We provide professional customized services, no matter the size, color, style or function, we can meet the individual needs of customers. At the same time, we pay attention to customer service and provide all-round service support from product consultation, order processing, after-sales service to maintenance to ensure customer satisfaction and loyalty.

We look forward to working with you to draw a win-win future.

Cooperative brand



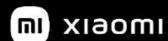
TROPIC



Samsonite

















SK-II

CHANEL

MARY KAY

















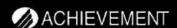






























ITALIC **ALUV**

Italic's notion: a world where an aspirational lifestyle and beautiful products that people would consider luxuries are made accessible to everyone. We believe that luxury should be defined by the quality of the product, not by the logo or the price tag.

The revenue of Italic luggage increased by 80%, and five-star ratings increased by 50%.

See how Italic improves customer experience and increases sales by cooperating with Aluvox.

Website Industry **Targeting Market** italic.com Retailer Worldwide



Customer's challenge

Italic needed genuinely high-quality products to define what luxury means. However, given the high minimum order quantities and prices from factories that collaborate with major brands, it was difficult for them to find suitable partners. Additionally, very few factories were willing to cooperate on a consignment basis.

Result

On Italic's website, our luggage consistently maintains a rating of over 4.9. The sales figures have far exceeded expectations, helping Italic attract more customers and significantly enhance their brand value and profitability.

Our solution

Aluvox has a long-standing relationship with toptier brands, and quality has always been our lifeline. Therefore, we ensure consistent highquality standards for our products.

- We have reduced our minimum order quantity to half of what typical major brand factories require, providing better service and helping more excellent brands make their mark in the market.
- Our prices are also 10% lower than those of top-tier brands, further easing Italic's product cost pressure.
- Regarding consignment, we offered a reasonable time frame to help the brand alleviate cash flow pressure.

These factors collectively enabled Italic to sell out all our suitcases within a few days.

AUCENTIC

ALUV X

Aucentic is a brand from Japan that is affiliated with factories and craftsmen with high technology in Japan and abroad to deliver items of luxury quality at a reasonable price to reach anyone's hands.

Aucentic increased revenue by 180% since their first launch

The brand logo is not printed on the product, and it is made up of the quality material, the unique parts, and the detail, and "the luxury that understands to the understanding person" is embodied.

WebsiteIndustryTargeting Marketaucentic.comRetailerJapan

"After cooperating with Aluvox, our revenue increased 65% per year. In addition to generating income, Aluvox has saved us \$60,000 per year in luggage development"

https://aluvov.com



Customer's challenge

In the early stages, Aucentic invested significant time and resources into their aluminum alloy luggage line, but the quality consistently fell short of expectations. Persistent issues such as unstable trolley handles, inadequate wheel smoothness, and noise reduction were never adequately addressed. Additionally, their initial suppliers were unwilling to disclose detailed manufacturing processes. This lack of transparency, coupled with high costs and inconsistent quality, posed significant challenges for Aucentic during its initial phase.

Result

After partnering with us, Aucentic's annual sales exceeded 20,000 units. Consistent positive feedback from customers has boosted the brand's confidence, while robust profits have provided a clear vision for future development. This success has secured Aucentic a significant position in the Japanese online market and laid a solid foundation for their future expansion into the global market.

Our solution

- We offer a highly professional brand customization process, meticulously controlling every detail and component to provide the most cost-effective solutions. Throughout the customization journey, we attentively listen to the needs of our client's target market, providing reasonable and cost-efficient recommendations. This includes the selection of interior materials, plastic components, zippers, and more. Our craftsmanship aims for excellence, minimizing gaps and enhancing overall durability.
- Quality control is rigorous, encompassing inspections of incoming materials and components, pre-packaging checks of finished products, and post-packaging sampling inspections. These multiple layers of quality assurance ensure that clients receive the highest quality products. In terms of after-sales support, we offer a supply of spare parts to help clients maintain their brand image over the long term.
- Additionally, we provide Aucentic with warehousing services in China, significantly reducing their storage and logistics costs. Our product pricing is more competitive, leading to a notable increase in profit margins through long-term collaboration.

MAPPA

Mappa is a highly recognized brand in the local Mexican market, boasting over 37,000 followers on Instagram and more than 7,000 monthly website visits. The primary product line includes luggage items such as PC suitcases and backpacks.

MAPPA brand awareness increased by 65% and product profits increased by 45% in the past 5 years

Learn how MAPPA's strategic partnership with us helped them transform their products from a startup business into the best luggage brand in Mexico.

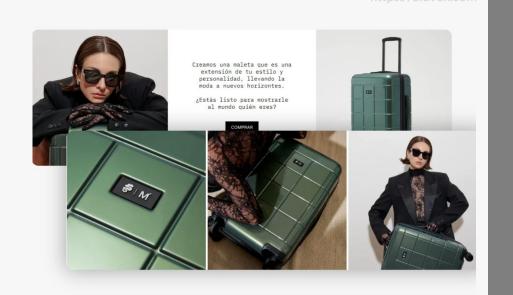
Mexico

Website Industry Targeting Market

Retailer

https://eluvey.com

mappa.mx



Customer's challenge

Prior to collaborating with us, Mappa had no experience in developing aluminum alloy suitcases. They aimed to enhance their brand value and product profitability through this development but were unsure where to start. The market presented a challenge with suppliers offering varying prices and quality, and Mappa lacked experience in brand collaboration, resulting in high communication and development costs. These factors impeded the progression of their business plan.

Result

Following the launch of the new product, there was a noticeable increase in sales—not only of the aluminum alloy suitcases but also a significant boost in the sales of the original plastic cases. This new product even led to a collaboration with Mexican Airlines, further enhancing Mappa's influence and market competitiveness.

Our solution

With extensive experience in developing aluminum alloy suitcases for international brands such as Xiaomi, Level 8, Aucentic, and Italic, we could meet every product detail requirement—from the shell, accessories, and interiors to packaging. We provided expertise in material selection, like the 5052 aluminum alloy for the shell and 250D polyester for the interior fabric, along with designing and producing Welcome packs. Our rich experience ensured efficient communication, shortened the overall development cycle, and reduced costs.

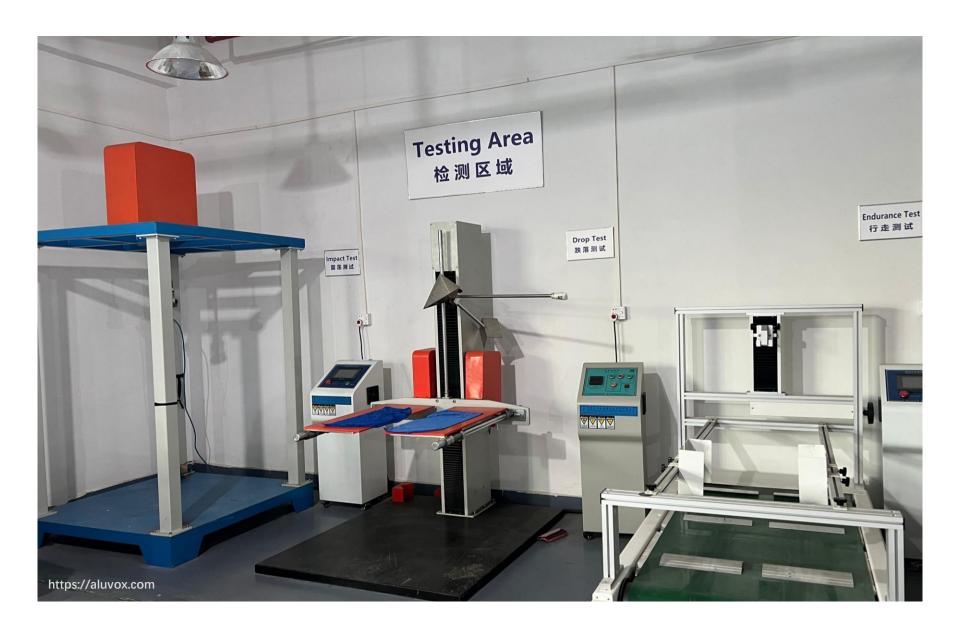


OUR TEAM





OUR TEAM



Strict quality control







SUITCASE PARTS



TROLLEY

- Multi-height settings
- Smooth pulling
- Durability
- Aesthetic



WHEELS

- •360 degree
- Smooth ride any surface
- Silence
- Damping



https://aluvov.com

TSA LOCK

- High secruite
- •Ease of Use
- Durability



DAMPING HANDLE

- Enhanced Comfort
- Ergonomic Design
- Durability and Longevity
- Aesthetic Appeal

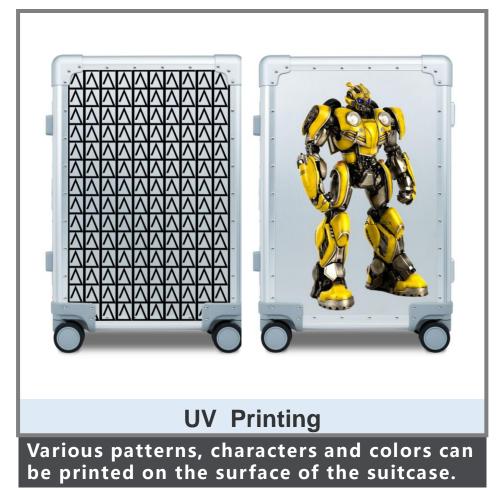
CUSTOMIZATION: BUDGET-FRIENDLY

We provide personalized design services, customized according to your needs and brand image. You can freely choose colors, styles and accessories to create unique products.

We have many patented technologies for design. Customers can put forward lightweight customization requirements in combination with our molds. The same mold can be adjusted to different styles.

Lightweight customization: surface







CUSTOMIZATION: BUDGET-FRIENDLY

We provide the service of adding logo to accessories. According to the specific patterns and trademarks provided by customers, details such as locks, wheels, pull rods and handles can be skillfully integrated to increase the sense of exclusivity and personalization.

Lightweight customization: Add logo to accessories



https://aluvox.com

We provide a variety of ways to add logo (Labeling, UV printing, laser printing, electroplating, etc.) to meet the needs of different customers.









Website: https://aluvox.com

Email: Admin@aluvox.com

Tel/WhatsApp/Skype: +8618924005946

Contact US 🖳



01

Titanium Suitcase

02

Magnesium Suitcase

03

Titanium Steel Suitcase

04

Carbon Fiber Suitcase

05

Aluminium Suitcase

06

A&Q

ALUV DX



Titanium

Known as "space metal", "marine metal", "modern metal" and "strategic metals", titanium has been widely used in many fields because of its outstanding characteristics such as low density, high specific strength, low thermal conductivity and strong corrosion resistance.

Metallicity					
High Strength	The density of titanium is 4.506 g/cm, which is only 60% of that of steel, but its tensile strength and yield strength are high, which makes it an ideal lightweight material.				
High-temperature Resistance	The service temperature of titanium alloy is several hundred degrees higher than that of aluminum alloy, and it can still maintain the required strength at moderate temperature, and can work for a long time at 450 ~ 500°C.				
Strong Corrosion Resistance	Titanium alloy works in humid atmosphere and seawater medium, and its corrosion resistance is far better than that of stainless steel. Especially strong resistance to pitting corrosion, acid corrosion and stress corrosion; It has excellent corrosion resistance to organic substances such as alkali, chloride, chlorine, nitric acid and sulfuric acid.				
Good Low Temperature Performance	Titanium can still maintain its mechanical properties at low temperature and ultra-low temperature. Such as TA7, can maintain certain plasticity at -253°C.				
Environmental Protection	Titanium does not contain harmful heavy metals, is non-toxic and has good compatibility with human tissues and blood, so it is adopted by the medical community to make a variety of human organs and body parts implanted in the human body. Titanium is a non-magnetized metal and will not be magnetized in a large magnetic field.				

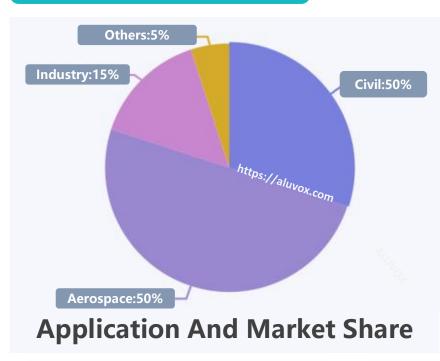
Suitcase innovation: Starting with new materials!

Titanium alloy luggage is aimed at the high-end market, bringing more opportunities and competitive advantages to the brand.



Titanium Alloy: The Future, Unlimited.

Market Trend Of Titanium



Titanium alloys are being favored by more and more people in high-end and specific demand markets because of their high strength, corrosion resistance, portability and unique texture.

If the enterprise locates the high-end market, has the corresponding technical strength and innovation ability, and pays attention to environmental protection and sustainable development, then adopting titanium alloy material may be a worthwhile choice.







Product Application

Brand	pro	duct category	Details of Ti alloy use		
Huawei	smartwatch	Watch 4 Pro	The case and strap are made of diamond titanium with high strength		
Lv (Louis Vuitton)	handbag	Titanium alloy handbag	Titanium coated canvas with titanium ornaments		
Apple	smartwatch	Apple Watch Ultra	Titanium alloy case, light and strong		
Think Pad	laptop	Thinkpad X1 Carbon/ X1 Yoga	Titanium alloy fuselage, thin and strong		
Montblanc	smartwatch	Montblanc Summit 3	Titanium alloy material, excellent quality and wearing experience		
Bmw	^{∕⊙} ⁄ car	Some high-performance models	Titanium alloy parts, such as engine parts and suspension systems.		
Nike	Nike Spikes Nike Air Zoom Victory		Titanium alloy version reduces the weight of shoes and provides support and stability.		

14



Choose us to unlock more possibilities. ALUVOX, Create future with you



Titanium

ALUVOX new suitcase

Weight: 4.7kg

Size: 20 inches

Material model: TC4

Thickness: 0.6mm





This product catalog presents a selection of our offerings. For further information, please visit our official website. https://aluvox.com



In addition to titanium, magnesium alloy is also a new star that leads the trend of luggage industry!

Classification of common magnesium alloys					
	This series of magnesium alloys is the most widely used alloy, and the die-casting alloy is mainly Mg-Al alloy. In order to improve the properties of the alloy, such as toughness, high temperature resistance and corrosion resistance, and based on Mg and Al systems, a series of alloying elements were added to form the following series of alloys:				
	AZ (Mg-Al-zn)	It has good properties at room temperature, but its thermal strength is low, its creep resistance is poor and its deformation ability is limited.			
		Application: Used for various shells and covers, computer parts, cylinder heads, etc			
Mg-Al series	AM (Mg-Al-Mn)	Due to the reduction of the element content of aluminum and zinc, the toughness is improved, and the room temperature performance and casting performance are limited.			
		Application: car seat parts, instrument panel, wheel hub, etc.			
Peter Of	AS(Mg-Al-Si)	It has high thermal strength and strong creep resistance, but its casting performance is average. It is mainly used in some parts with high temperature downstream strength requirements and creep resistance parts.			
		Application: Blower shell or light mechanical carrier.			
	AE (Mg-Al-RE)	It has high thermal strength and creep resistance, and can only be used for die casting. There are some defects in casting performance, which are mainly used for creep resistance parts at high temperature.			
		Application: engine of lawn mower, etc. https://aluvox.com			

Magnesium alloy, as a kind of high-performance lightweight structural material, takes magnesium as the main component, and its specific gravity is similar to that of plastic, but it has the rigidity and strength not inferior to that of aluminum, showing excellent seismic, electromagnetic, thermal and electrical properties, and is fully recyclable and pollution-free. Magnesium alloys occupy a prominent position in automobile manufacturing and are widely used in aerospace, portable computers, mobile phones, electrical appliances and sports equipment.



Choose us to unlock more possibilities. ALUVOX, Create future with you



Magnesium

ALUVOX new suitcase

Weight: 4.2kg

Size: 20 inches

Material model: AZ31B

Thickness: 1.0mm





This product catalog presents a selection of our offerings. For further information, please visit our official website. https://aluvox.com



Titanium Steel

Titanium steel, as a kind of high-performance stainless steel, with its durability, lightness and strong adaptability to environmental factors, has gradually become a high-quality material for luggage manufacturing, which is neither excessive luxury nor loss of style and taste.

Choosing titanium steel means choosing a travel solution that pursues quality!

■ C: ≤0.030%

■ Si: ≤1.00%

■ Mn: ≤2.00%

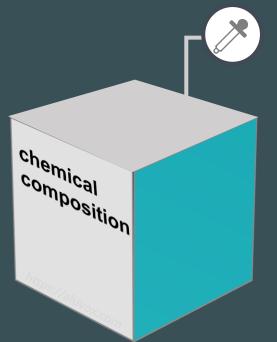
■ S: ≤0.030%

■ P: ≤0.045%

■ Cr: 16.00 ~ 18.00%

■ Ni: 10.00~14.00%

■ Mo: 2.00~~3.00%



Material Characteristics

Titanium steel is a commercial name, the standard academic name is 316L stainless steel, and its corrosion resistance and acid and alkali resistance are better than ordinary stainless steel. The standard brand is 022Cr17Ni12Mo2, which mainly contains Cr, Ni and Mo.

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Excellent corrosion resistance

A dense oxide film is formed on the surface of titanium steel, which can effectively resist the erosion of moisture, salt and other corrosive substances and ensure that the suitcase can be kept as new even during a bad journey.

Strength and lightness coexist

Titanium steel has the same strength as ordinary steel, but its weight is lighter. This means that you can get a sturdy and lightweight suitcase, which can be carried easily when boarding a plane or traveling long distances.

Good biocompatibility

Titanium steel is a non-toxic and harmless material, which has no negative impact on human body, which makes titanium steel widely used in medical and food fields. This is especially important for travelers who often need to carry personal belongings, such as clothes and cosmetics.

TITANIUM STEEL



Item No:FDG16-6S ALUVOX Size: 20 inches (380*220*570mm) 24 inches (440*255*670mm)







https://aluvox.com

Item No: FDG16-6H ALUVOX Size: 20 inches (380*220*570mm) 24 inches (440*255*670mm)





https://aluvox.com

TITANIUM STEEL

Item No: FDG16-6 ALUVOX Size: 20 inches (380*220*570mm) 24 inches (440*255*670mm)









ALUVOX





Item No: FDG16-17



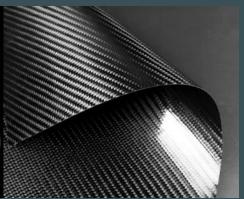
Carbon Fiber

Carbon fiber refers to the fiber containing more than 90% carbon, ranking first among all chemical fibers in terms of high temperature resistance, with extremely high strength and modulus, far higher than traditional metal materials such as steel and aluminum.

Because of the advantages of lightweight and high strength, carbon fiber has become an ideal choice for users who pursue high-end, durable and lightweight suitcases.







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Light weight and high strength

The density of carbon fiber is small, although the diameter is only 5 microns, which is one tenth of the size of hair, but the strength is more than four times that of aluminum alloy, which makes the carbon fiber suitcase have extremely light weight while maintaining high strength. This is a significant advantage for passengers who need to carry a lot of luggage.

high-temperature resistance

Carbon fiber has good thermal stability and can work normally at high temperature up to 800 degrees Celsius, which makes the carbon fiber suitcase maintain stable performance in extreme environment.

Strong corrosion resistance

Carbon fiber has a smooth surface and is not easy to absorb moisture and pollutants, so it has good corrosion resistance. This enables the carbon fiber suitcase to maintain a long service life in harsh environments such as humidity and salt spray.

Cost-effective

Although the cost of carbon fiber material is relatively high, its durability, strength and aesthetics make it attractive in performance-cost ratio, especially for consumers who travel frequently and have high requirements for suitcases.

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CARBON FIBER



Item No: FDG16-8T
Size: 20 inches (380*220*570mm)



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Item No: FDG602T ALUVOX Size: 20 inches (355*220*570mm) 24 inches (405*255*670mm)



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CARBON FIBER









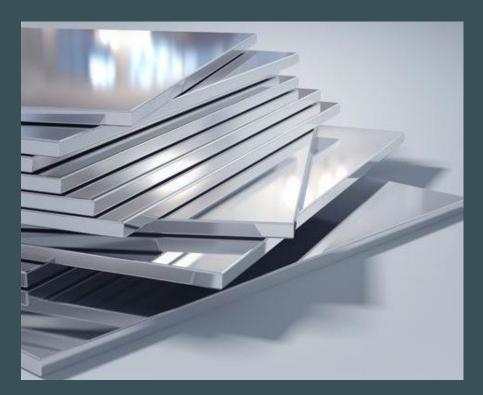






Interior Aluminium

Compared with titanium alloy and magnesium alloy, aluminum alloy luggage has the advantages of economy and popularity. First of all, the cost of aluminum alloy material is relatively low, which makes the price of aluminum alloy luggage more close to the people, in line with the budget of most consumers, and has high cost performance. Secondly, while maintaining sufficient strength, it also maintains good portability and is easy to carry and move.



Comparison of physical properties https://aluvox.com						
Material	Density (g/Cm³)	Tensile Strength (Mpa)	Specific Tenacity (σb/ρ)	Modulus Of Elasticity (10^4Mpa)	Hardness (BHN)	Melting Point (°C)
Aluminium	2.7	110~270	57	7.15	75~120	660
Magnesium	1.8	250~343	191	4.41	60~75	650
Titanium	4.5	580~1646	366	11.76	270~310	1668

Adoption of 5 series aluminum alloys with high market standards

Aluminum Alloy Series	Major Alloying Elements	Heat Treatable	Utimate Tensile Strength UTS (ksi)	Yield Strength (ksi)	Corrosion Resistance
1xxx	Pure Aluminum	No, but work hardenable	10 to 27	4 to 24	Excellent
2xxx	Copper (Cu)	Yes, Precipitation Hardenable	27 to 62	10 to 66	Poor
Зххх	Manganese (Mn)	No, but work hardenable	16 to 41	6 to 36	Moderate
4xxx	Silicon (Si)	No, but work hardenable	25 to 55	4	Good
5ххх	Magnesium (Mg)	No, but work hardenable	18 to 58	6 to 59	Excellent to good
бххх	Magnesium and silicon	Yes, Precipitation Hardenable	18 to 58	7 to 52	Good
7xxx	Zinc with Cu, Mg, Cr, or Zr	Yes, Precipitation Hardenable	32 to 88	14 to 73	Poor
8xxx	Lithium, tin, and iron	Varies with specific alloy	17 to 60	-	Varies with alloy
9ххх	Unused for future alloys	NA	NA	NA	NA

https://aluvox.com

Item No: YCT-001

Size: 20 inches (400*210*560mm)

Item No: YCT-002

Size: 22 inches (445*255*600mm)

Item No: YCT-003

Size: 26 inches (475*255*725mm)















Item No: YCT-009
Size: 20 inches (390*220*560mm)









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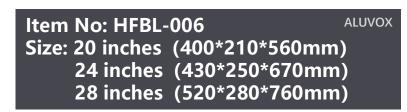


















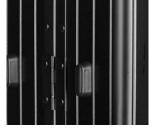


ALUVOX

Item No: HFBL-005

Size: 20 inches (393*215*580mm)

24 inches (435*250*695mm) 26 inches (475*260*730mm)







https://aluvox.com







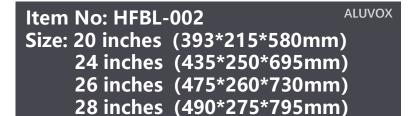






https://aluvox.cor









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Item No: HFBL-004 ALUVOX Size: 20 inches (390*215*565mm) 20 inches (445*250*680mm) 20 inches (495*270*782mm)





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ALUVOX









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What is the minimum order quantity?

Given our wholesale business model, we have set minimum order quantities that are conducive to your business needs while ensuring cost-effectiveness. Please contact admin@aluvox.com for more details.

How strict is your quality control?

We adhere to a rigorous quality control protocol across all production lines. Our commitment to quality ensures that every product meets high standards, aligning with the meticulous requirements of our clients.

How do you manage shipment timelines to avoid peak season delays?

We prioritize efficient logistics planning to ensure timely delivery. Our team works diligently to prevent delayed shipments, helping you capitalize on peak sales seasons.



Is it possible to see the product process flow?

Transparency is paramount in our operations. We provide a clear visualization of the product process flow and a detailed cost structure to facilitate informed decision-making.

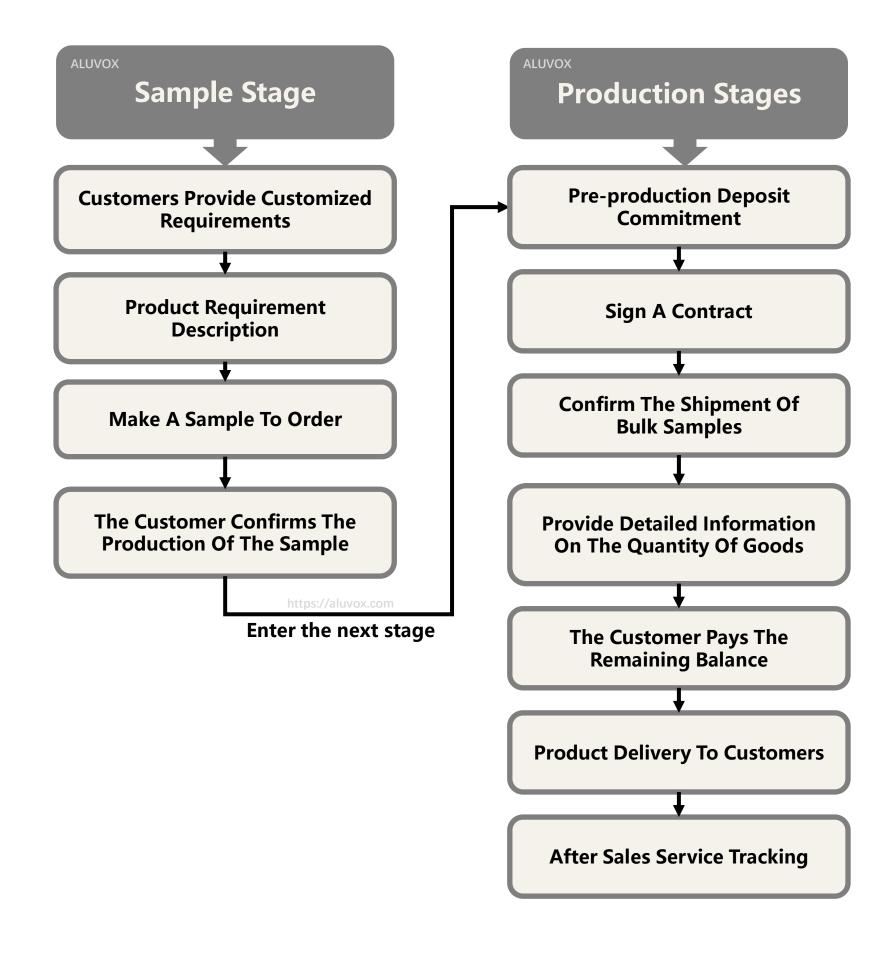
What kind of after-sales service can i expect?

We provide comprehensive after-sales service to address any concerns post-purchase. Our aim is to resolve issues promptly and maintain the highest level of customer satisfaction.

Is there flexibility in component selection?

Understanding your need for customization, we offer the flexibility to select components that match your specifications. Our suite of parts allows for various configurations, enabling you to tailor your product line to your unique branding and performance requirements.

CUSTOMIZED PROCESS



Flexible warehousing service

We know that in the process of operation and logistics, the shortage of storage space or high storage costs may become your burden. Therefore, we are committed to solving these worries for you through high-quality warehousing services.



- * Free warehousing for 3 months is provided for large volume orders (MOQ > 1000).
- * Support split shipping to relieve your storage pressure.
- * Transportation in conjunction with customer's seasonal sales.

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Reliable logistics service

We always take customers as the center, and an efficient logistics chain is very important for any business. Therefore, we work closely with experienced freight forwarders to ensure that your suitcase can be delivered to your destination safely and on time.





Professional after-sales service

Quality Commitment

- Strictly control the product quality to ensure that the ex-factory products meet the relevant standards and customer requirements.
- Quality problems arising from non-human reasons are guaranteed for life.

Maintenance Service

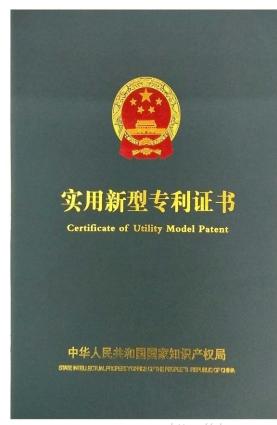
- Provide technical support for brand owners and distributors in product use, maintenance and troubleshooting.
- Set up a technical support hotline to facilitate customers to consult and solve problems at any time.



OUR HONOURS







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Email: Admin@aluvox.com

Tel/WhatsApp/Skype: +8618924005946

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ALUVÁX

P Choose us to unlock more possibilities. ALUVOX, Create a future with you! **▲**