

Contributing Widely to Society by Making the Most of the Potential of Aluminum

Aluminum's superb properties as a material are highly evaluated. As a result, the metal can be found everywhere in today's society, from our immediate surroundings to its use in state-of-the-art industries. Aluminum products manufactured by UACJ, which pledges to make broad-reaching contributions to society in its management philosophy, are used in a wide range of areas. They are being applied to help solve various social problems related to issues such as global warming and our aging society.

Strong/ Lightweight

Contributes to reducing the weight of automobiles and aircraft

Lighter transportation equipment means higher fuel efficiency and lower CO₂ emissions. Taking advantage of two of aluminum's main characteristics—being strong despite being lightweight—UACJ supplies a wide variety of components, including structural materials that form the backbone of transportation equipment.

Management Philosophy

The UACJ Group strives to offer products and services deserving of its customers' satisfaction and trust, and believes that sound and sustainable business development is key to making broad-reaching contributions to society.

Strong

Lightweight

Non-magnetic

Anti-corrosive

Properties of Aluminum

Attractive

Easy to recycle

Resistant to low temperatures

Non-toxic



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Non-magnetic

Used in the magnetic disk substrates of hard-disk drives (HDDs)

In today's sophisticated information society, IT devices require large-volume HDDs. Utilizing aluminum's non-magnetic property, UACJ produces blank panels used for large-volume magnetic disk substrates.

Easy to recycle

Recycling promoted through the widespread use of aluminum cans

Recycling resources plays a vital part in the creation of a recycling-based society, and aluminum fits the purpose as it is easily recycled into ingots. UACJ is contributing to society by promoting a shift in beverage containers towards greater use of aluminum and the widespread use of aluminum cans.

Resistant to low temperatures

Supplying LNG tanker materials resistant to low temperatures

Natural gas, which generates less CO₂ when it burns, is liquefied into LNG in ultra-cold conditions and then transported. Producing aluminum that withstands such extreme conditions, UACJ is the only supplier of giant thick plates for LNG tankers in Japan.



c r e a t e d b y U A C J



Anti-corrosive/ Attractive

Achieving safe, advanced-design structures

Aluminum has excellent resistance to corrosion and its strength can be enhanced through surface treatment, and it can be colored, too. UACJ products are used in advanced architecturally designed state-of-the-art buildings thanks to the Company's sophisticated processing technologies to create beautiful landscapes.

Non-toxic

Ensuring high levels of safety for pharmaceutical packaging foils

As the population ages in Japan and overseas as well, the medical and healthcare industries continue to flourish. Aluminum is harmless and odorless. In the unlikely event of elution, it will do no harm to human bodies. Thanks to these properties, UACJ foil products are used in pharmaceutical packaging to provide peace of mind.