

## Renewable energy

### Solar power parts

We have established business relationships with manufacturers of solar cells and related components around the globe through the extensive experience and knowledge gained in our many years in the solar cell parts business. By utilizing our diverse product lineup to provide the best solutions for the customer, we can meet a wide range of needs, including building business schemes with customers as a platform provider.

#### Features

- In order to promote the use of clean energy such as natural energy, we are working on the promotion of solar power systems. There are many time-consuming tasks involved in solar power generation, such as applying for subsidies from power companies, but we will provide full support.
- We will quickly respond to your requests for designs, estimates, and product arrangements, so please leave everything related to solar power generation to us.

#### Main products and services



▪ Roof-mounted solar panels

▪ Floating solar panels



▪ Ground-mounted solar panels

▪ Solar carport

- Solar Modules
- PV inverters
- Frames (for roof and ground)
- Transformers
- Carports
- Floats
- Storage cells

### Biomass storage

A type of renewable energy, biomass fuel has been in the spotlight in recent years, leading to an increase in demand for wood chips. Sumisho Metalex offers specially designed bulk containers that are essential for transporting wood chips.

#### Main products and services



▪ Bulk containers

#### Features

- For over 20 years we have been forging supply chains with global container manufacturing giants in China.
- Specifications for size, loading inlets, and discharge openings of bulk containers are completely made-to-order in line with customer needs, ensuring that wood chips are transported safely and efficiently.
- Through the Sumitomo Corporation Group network, we can supply lots in increments of anywhere from less than ten to several thousand, with short delivery times and at low cost.

## Rechargeable batteries

### Raw materials and manufacturing equipment

Due to the increase in demand for consumer rechargeable batteries for devices such as smartphone and tablets, and onboard rechargeable batteries for EVs, plug-in hybrid EVs, and other vehicles, the battery market has grown globally. Besides offering raw materials and parts for rechargeable batteries, we also provide comprehensive solutions that encompass manufacturing equipment, rechargeable battery products, and prototyping services. Having earned the reputation as “the battery company,” Sumisho Metalex proposes the best solutions tailored to customer’s needs.

#### Main products and services



▪ Precursor



▪ Graphite



▪ Carboxymethyl cellulose



▪ Metal foil



▪ Battery cases



▪ Aluminum bus bar Photo provided by Nippon Light Metal Company, Ltd.

#### Features

Having forged wide supply chains with suppliers around the globe, we offer the following parts and materials

Cathode and anode materials, current collectors (electrode substrate), separators, binders, casing materials, mixers, coaters, slitters, rewinders, and NMP recovery systems.

# Electronic equipment

## Electronic products and parts

Technological innovations that have been made in electronic products and parts continue to improve and change. Leveraging cutting-edge technology, the functions of affiliated companies worldwide, and our networks, we offer products and solutions to accurately meet customer needs.

### Features

- We have built a wide network with a large number of material manufacturers and fabrication companies through suppliers and partner factories mainly in Japan and other countries in Asia.
- As a member of the Sumitomo Corporation Group, we offer optimal solutions to applications of users in Japan and around the world.

### Main products and services



- Aluminum materials and fabricated items for FA robots (Manipulator)

## Functional materials

Rare earth permanent magnets are some of the most powerful magnets on the earth. They have a wide range of applications—including smartphone cameras, computer hard drives, industrial motors, and onboard motors for hybrid cars, electric cars, and other vehicles; and large ones are even used in wind power generators. Contributing to smaller and more energy-efficient motors, magnets are environmentally friendly unsung heroes. We continue to propose optimal solutions to customers by leveraging our over 30 years of extensive experience in rare earth, which includes everything from raw material procurement and manufacturing, to a wide range of applications and global market information.

### Features

- We have forged a global supply chain for rare earth, which includes everything from procurement of raw materials to manufacturing.
- We offer a wide range of rare earth applications and global market information.

## Components for medical X-ray diagnostic imaging equipment

In the field of medical X-ray diagnostic imaging equipment, Sumisho Metalex is a global exporter of both X-ray tubes—the key component in irradiating X-rays—and detectors that convert X-rays into visible images.

### Features

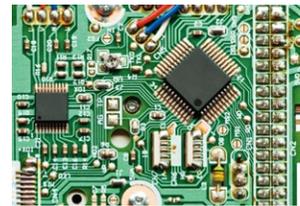
- X-ray tubes: For the medical sector, we offer a product lineup of rotating anode X-ray tubes that employ new technology for use in everything from general radiography, fluoroscopy, and mammography, to angiography and CT, which require a particularly small focal point and high power. And for the dental sector, we offer stationary anode X-ray tubes for intraoral radiography, panoramic radiography, and cephalography.
- X-ray image intensifier: X-ray image intensifiers are used in medical radiography and fluoroscopy. We have a lineup of intensifiers for specific uses and with a wide range of input windows—from 4- to 16-inch. We also offer a variety of camera systems.
- Flat panel detector: Featuring high sensitivity, high resolution, and low noise, flat panel detectors provide outstanding X-ray images with minimal exposure for the technician and patient.

### Main products and services



- X-ray tubes
- X-ray image intensifier
- Flat panel detector

### Main products and services



- Ceramics



- Automotive electrical components



- Electrical appliances



- IT components



- Permanent magnets

## Building products

### › Scaffolding

Sumisho Metalex offers scaffold products for the building construction and maintenance market. Leveraging our worldwide network of suppliers to meet customer needs, we provide scaffolding solutions that include everything from procurement of a wide range of materials such as aluminum, steel, resin, and wood, to machining, and assembly.

#### Features

- We have forged wide supply chains with suppliers around the globe.
- We provide comprehensive solutions that include everything from materials procurement to machining and assembly.

#### Main products and services



▪ Scaffolding



▪ Building worksite



▪ Bridge worksite



▪ Scaffold planks



▪ Materials for infrastructure maintenance

### › Home interior products

Sumisho Metalex carries aluminum products for home accessories. Leveraging our wide-ranging knowledge and proposal-generating capabilities gained through repeated trial and error, we propose solutions that encompass everything from development to design to meet every customer need.

#### Features

- We have earned the trust of manufacturers through many years of doing business and are well-versed in each one's strengths. This enables us to accurately select the manufacturing method and manufacturer that are best suited to the customer's quality requirements.
- We offer a range of aluminum fabrication services and can also supply finished products.
- Leveraging our international network of group companies, we can easily procure materials from around the world.

#### Main products and services



▪ Curtain rails



▪ Blinds

# Transportation parts and equipment

## › Aircraft interior parts

We have carried aluminum parts that make up key components of the interior of aircraft for many years. In the aircraft industry, it is important that materials are lightweight and durable. Aluminum meets both criteria. We propose product solutions in line with the customer's needs such as aluminum extruded shapes and plates for aircraft interior equipment and structural parts for aircraft seats.

### Features

- We procure from the biggest aluminum parts manufacturers in Japan, with which we have built business relations over many years.
- We offer various types of fabrication services, and supply optimal parts tailored to customers' intended usage.
- We make use of the worldwide network of Sumitomo Corporation Group companies.

### Main products and services



- Aircraft interior parts
- Aluminum extruded shapes
- Aluminum plates

## › Truck body modification parts

A wide range of aluminum products used in truck body modification, where minimizing vehicle weight is a priority. We have forged global supply chains enabling us to meet a wide range of customer needs—including materials procurement and fabrication—for truck body modification parts such as aluminum extruded shapes (e.g. joists and flooring), colored aluminum for composite panels, and aluminum checkered plates, block doors, and e-tracks.

### Features

- Leveraging our own procurement sources and the global network of the Sumitomo Corporation Group, we propose solutions that include products that are difficult to procure in Japan (such as a wide range of colored aluminum and long anodized aluminum shapes) to meet customers' quality and pricing needs.

### Main products and services



- Truck body modification parts
- Aluminum e-track (fabricated item)
- Wide range of colored aluminum
- Long anodized aluminum shapes

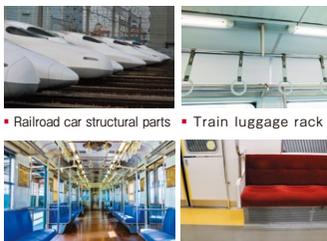
## › Railroad car structural parts

Leveraging our strong network of suppliers and extensive knowledge with a primary focus on aluminum shapes, sheets, and fabricated items for structural and interior components, we provide high value added services to railroad car manufacturers in Japan by selecting the optimal materials and proposing outstanding fabrication technique solutions.

### Features

- We have forged wide supply chains with suppliers across Japan.
- We offer full services that include everything from materials procurement to fabrication.

### Main products and services



- Railroad car structural parts
- Train luggage rack
- Train interior (various aluminum materials and fabricated items for railroad cars)
- Train posts

## › Automotive parts

Non-ferrous metal products for transport vehicles are one of Sumisho Metalex's key businesses. We offer a wide range of services through our strong network of suppliers and extensive knowledge, with a primary focus on aluminum shapes, plates, and fabricated items used in vehicle engine pistons, passenger car sunroofs, and truck body modification parts. Our mission is to contribute to high value-added manufacturing by selecting optimal materials and proposing outstanding fabrication technique solutions.

### Features

- We have forged a wide network with a large number of metallic materials manufacturers and fabricators.
- We propose solutions based on our in-house knowledge of metal fabrication.
- As a member of the Sumitomo Corporation Group, we offer optimal solutions to applications of users in Japan and around the world.

### Main products and services



- Automotive parts
- Various automotive parts
- Control rods for general purpose engines
- Cast and forged aluminum items



- Various aluminum materials and fabricated items for trains

## › Containers and steel pallets

Sumisho Metalex has built a supply chain for high-quality specialized containers and steel pallets through partnerships with global container and pallet manufacturing giants in China spanning 20 years, and operates globally in the field. We offer comprehensive services that include formulating specifications, manufacturing, and delivery of specialized containers such as refrigerated, tank, and bulk containers. And we provide environmentally friendly steel pallets that are essential for plant logistics with a short delivery time.

### Features

- All products are made-to-order and incorporate the customer's needs. We can accommodate a wide range of needs, including refrigerated containers used for constant temperature transportation, tank containers used to transport liquids and particulates, bulk containers—which are currently in the spotlight for storing biomass fuel, and steel pallets used in factory parts logistics.

### Main products and services



- Steel pallets used in factory parts logistics
- Bulk containers



- Refrigerated containers used for constant temperature transportation
- Tank containers used to transport liquids and particulates

## Rolled aluminum

### › Aluminum cans

Leveraging Sumitomo Corporation Group's global network and our many years of business experience, we handle importing and exporting of materials for aluminum cans and closures between three countries. Recycled aluminum can be reused again and again, and takes much less energy to manufacture than virgin materials. It has come more under the spotlight as a material to help attain global environmental goals such as achieving deplasticization and a low carbon society. Sumitomo Metalex contributes to society through aluminum.

#### Features

- We have built relationships with major metal rolling companies worldwide.
- We practice flexible pricing utilizing the London Metal Exchange.
- We propose solutions based on the latest information from different countries and industries through Sumitomo Corporation Group's network.

#### | Main products and services



### › Automotive materials

We sell aluminum sheets to automotive customers, and have built, operate, and manage a supply chain through the Sumitomo Corporation Group's coil centers. The automotive industry is said to be in the midst of a once-in-100-year change. Under these circumstances, we have built a system and business that can meet customers' sophisticated demands.

#### Features

- Our aluminum sheets are used for hoods and roofs of motor vehicles.
- Due to the rise in environmental awareness, needs to reduce the weight of motor vehicles has grown.
- Reducing the weight of motor vehicles by using aluminum in the body contributes to cutting CO2 emissions.

#### | Main products and services



### › Automotive heat exchanger parts

Through our extensive knowledge and experience in carrying non-ferrous metal products over many years, we have established international supply chains and a global business. Leveraging this wide network, we provide high-quality services that include logistics functions for rolled and extruded aluminum products—key components in vehicle heat exchangers.

#### Features

- We build supply chains tailored to customer needs (including Just-in-Time).
- We fully leverage the information network of the Sumitomo Corporation Group to meet customers' materials procurement needs, whether within or outside Japan.

#### | Main products and services



### › Air conditioning and heat exchanger materials

Copper tubing and aluminum fins used in air conditioning heat exchangers have become widespread thanks to their high thermal conductive properties; and day-to-day technological innovations have greatly contributed to improving the performance of air conditioners. Leveraging the global network of the Sumitomo Corporation Group, we offer a wide range of such materials to customers around the world.

#### Features

- We leverage the Sumitomo Corporation Group network to meet diverse needs, and provide optimal schemes to customers.
- By leveraging the global network of the Sumitomo Corporation Group, we provide unique added value, and strive to increase customer satisfaction and earn their further trust.

#### | Main products and services



## Rolled aluminum

### Other parts and materials

With the advancement of informatization, the market for precision machined components used in IT equipment, monitors, and other devices continues to expand. A variety of non-ferrous metals are used to make precision machined components. Through the experience we have gained in handling non-ferrous metals over many years, we have built a network that enables us to accurately assess information on cutting-edge technology and the market. Leveraging this network, we provide total solutions by partnering with Sumitomo Corporation Group's coil centers located around the globe.

#### Features

- We have business connections around the world through the Sumitomo Corporation Group network.
- We propose solutions by utilizing Sumitomo Corporation Group coil centers located across the globe.

#### Main products and services



▪ Packaging



▪ Rolled aluminum products



▪ Automotive parts (ECU case)



▪ Home appliances and electronic parts (condenser)

## Materials

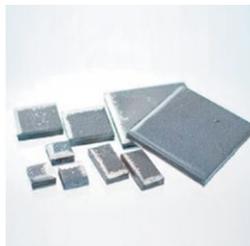
### Plating metal (nickel and zinc)

We sell a wide range of plating metal from highly dependable manufacturers tailored to customers' intended application, from copper ingot—where Sumitomo's business roots lie—to non-ferrous metal materials such as aluminum virgin and secondary alloy ingot, nickel ingot, zinc ingot, and copper sulfate. We also supply materials for the fabricated items we sell.

#### Features

- We provide a stable supply of high quality materials from major manufacturers across Japan.
- With our long track record and extensive knowledge, we can meet a wide range of needs.
- One of our core products is zinc ingot, which we sell for use in hot-dip galvanization across Japan.

#### Main products and services



▪ Plating chemical materials used for surface treatment  
Photo provided by Sumitomo Metal Mining Co., Ltd.



▪ Steel transmission tower



▪ Highway noise barrier



▪ Metal fittings for wiring



▪ Zinc ingot

### Copper tubing

Copper tubing has been our core businesses since our company was founded. Sumitomo Metalex offers copper tubing products from major manufacturers across Japan for a wide range of applications, from air conditioner heat exchangers and fire alarms to solderless terminals. We propose solutions tailored to customers' needs and challenges.

#### Features

We provide a stable supply of high quality products from major manufacturers across Japan.

#### Main products and services



▪ Copper tubing

## Titanium and high-purity metals

### › Titanium products

Titanium is lightweight, high-strength, and highly corrosion-resistant. Leveraging information on worldwide markets, we propose solutions that best suit the customer and contribute to society, for everything from titanium feedstock to titanium sponge, ingot, and high-performance materials, from upstream to downstream, and also a wide range of applications including aerospace, semiconductors, and medical parts.

#### Features

- We have established a wide range of supply systems in Japan and overseas to provide high quality titanium related products.
- By utilizing global market information, we are aiming to further develop our business while taking advantage of our light weight, high strength, and high corrosion resistance.

#### Main products and services



- Aircraft
- Titanium mill products
- Titanium tubes
- Titanium powder
- Artificial joints

### › Electronics

Our electronics parts business covers a wide range of fields, including ultra-thin stainless steel foil for hard disk drive (HDD) suspension and materials for sputtering targets used in manufacturing semiconductors. With the electronics market expected to grow, we strive to expand the business further across the globe leveraging our many years of experience in the parts business.

#### Features

- We have partnerships with suppliers that are well known across the industry and have extensive sales track records.
- We sell competitive high-end products other companies cannot.
- We operate a global business leveraging the Sumitomo Corporation Group network.

#### Main products and services



- HDD suspension
- Sputtering target
- High-purity metals (Ti, W, Cu, Al)
- Stainless steel foil

## Stainless steel

### › Stainless steel coils and sheets

Sumisho Metalex operates a global stainless steel business that covers stainless steel materials, nickel alloy products, and cathode electrostatic drums. Our track record encompasses a wide range of products—from kitchen utensils to high-performance parts used in advanced equipment. As stainless steel specialists, we can meet any customer demand no matter how small, from selecting which type of stainless steel is best suited for the application to ensuring a stable supply.

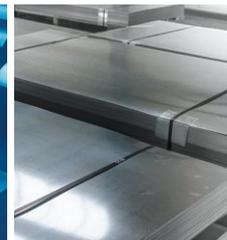
#### Features

We procure materials that are best suited to the customer's needs, with a focus on providing a stable supply of high-quality base materials from Japanese steel manufacturers. We are also expanding our business outside of Japan, with a focus on Southeast Asia, Europe, and the US, by utilizing the worldwide network of the Sumitomo Corporation Group and its coil centers located around the globe.

#### Main products and services



▪ Stainless steel



▪ Stainless steel sheets



▪ Stainless steel coil



▪ Steel Service Center

- Nickel alloy
- Electrostatic drums for manufacturing electrolytic copper foil