





Gunze's DNA of comfort is preserved in a variety of businesses to create a better future.

Weaving the future built on 120+ years of tradition.

Since its inception, Gunze has created its own history over some 120 years, fueled by the continuing pursuit of challenges to explore new fields. Over the past years, we have been consistently committed to anticipating emerging needs and supporting the world by creating products designed to provide a "feeling of comfort." Today, this commitment has been expanded to cover the medical field as well, contributing to the enhanced comfort of patients. As our area of business expands from apparel to medical care, Gunze's DNA to pursue maximum comfort promises an exciting future for various businesses.

Founding Philosophy

Striving for harmonious coexistence with all stakeholders surrounding the company through a people-oriented approach and a commitment to quality.

(established in 1896)



Tsurukichi Hatano, Founder



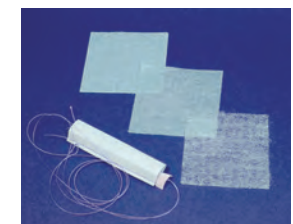
Medical Materials

Gunze manufactures and markets medical devices with an excellent technology that the company developed over many years. Gunze offers a wide range of bioabsorbable medical materials, including surgical suture threads, bone fixation devices and artificial dermis. A current focus is on developing high-tech products designed to help enhance patients' quality of life, while also reducing the burden on medical professionals.



Bioabsorbable Surgical Suture Thread

The first bioabsorbable surgical suture thread made in Japan, this product is now exported to various countries overseas. The suture thread reduces stress for the patients through the gradual absorption into the body, eliminating the need for a post-surgery suture removal procedure.



Absorbable Reinforcement Felt

Incorporating Gunze's textile-processing technologies, our bioabsorbable reinforcement felt is used to support sutured lungs, bronchial tubes and other delicate tissues. This product can be flexibly fitted on locomotive organ tissues as well as irregular tissue surfaces.



Bioabsorbable Bone Fixation Devices

Gunze's bioabsorbable bone fixation devices gradually degrade and are absorbed inside the body, thereby eliminating the need for follow-up surgery. Thanks to this benefit, these devices are widely used for a broad range of surgical applications.



Artificial Dermis

Gunze's artificial dermis consists of two layers: a collagen sponge and a silicon film. When the product is applied on burns or other wounds, the collagen sponge aids the tissue regeneration of the patient's damaged skin.



Medical Stockings

Gunze's elastic medical stockings help to reduce and prevent venous and lymph stasis in the legs. Based on Gunze's high-quality hosiery production techniques, the stockings fit comfortably and allow for easy wear and removal.



Bioabsorbable Artificial Dural Substitute

The artificial dural substitute enables suture-free surgery when combined with biological tissue adhesive. It gradually degrades by hydrolysis within the body, while a new autologous dura-like tissue is finally regenerated to replace the substitute.

Functional Solutions

Gunze textile development technology weaves the future in the new area.

Plastic Films

Gunze's plastic film technology is found virtually everywhere, from plastic beverage bottles as well as packages for food, toiletry items and other daily-use commodities. Thin, light, and environmentally friendly, Gunze plastic films provide convenience and comfort to the Earth and its people.



Shrink Film

This film shrinks when heated. Used for bottle labels and other daily-use items, this product has captured one of the highest shares of the Japanese market.



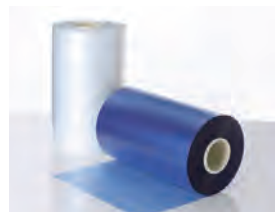
Nylon Film

Gunze's proprietary multilayer film, used as a wrapper for food products, serves as a gas barrier that prevents oxidative spoilage of the content, and is resistant to pinholing.



OPP Film

OPP film is used for packaging vegetables and confectionery items. The anti-fogging film causes moisture from vegetables to evenly spread, which helps make the content clearly visible. With this unique feature, this film is popular in the marketplace.



Flexible Multilayer Sheet

This highly functional sheet has uses other than packaging. Gunze's proprietary multilayer technology provides additional functional properties, making the sheet useful as wallpaper and an industrial material.

Engineering Plastics

Gunze manufactures and markets functional components used in photocopiers, printers and other office equipment. Made from engineering plastics, these components are also used in semiconductor, medical, film and many other manufacturing industries. Gunze's thin-walled PFA tubes for fuser rollers/belts and transfer belts have enabled excellent quality image printing. The high-quality functional components for industrial applications help customers improve their manufacturing processes and enhance the functionality of their products by taking advantage of their superior properties including high heat and chemical resistance, as well as good releasability.



PFA Tube



PFA Mesh

Electronic Components

Gunze produces and markets touch screens used for PCs, automotive components, medical devices, factory automation equipment and other applications, as well as highly functional films. Gunze's products offer value-added features such as high hardness, fingerprint resistance and low reflectivity. Gunze can answer a wide range of customer requirements through the synergy of functional film and touch screen technologies.



Functional Film



Touch Screen

Mechatronics

Gunze designs, manufactures and markets labor-saving machines for packaging, printing, dairy, beverage, food and other industries. We respond to the wide variety of customer needs with our reliable technologies cultivated at various manufacturing sites. Also, we contribute to the development of eco-friendly products, and the improvement of work efficiency and productivity by automating.



Bag Making and Packaging Machine

Apparel



Apparel

Continuously adding new functions, value and trends to lifestyle through textiles.

Innerwear

Because innerwear products directly contact the wearer's skin, we pursue maximum wearing comfort for our customers.



BODY WILD



KIREILABO®
キレイラボ

Legwear

Appealing to the refined tastes of today's beauty-conscious women, Gunze's latest legwear is designed to combine fashion with functionality.



SABRINA

House Casual Wear

Quality sleep starts with quality nightwear. Gunze offers nightwear and home casual wear designed for physical and mental relaxation. Nightwear incorporates quality materials and advanced functionality for a good night's sleep, while home casual wear accommodates a comfortable lifestyle.



Threads & Accessories

Made with uniform quality using advanced technologies, Gunze's industrial-grade sewing threads are used for a wide range of clothing and industrial applications. In particular, Gunze provides sewing threads for automotive airbags, which require especially high standards of safety. Gunze commands the leading share of the industrial sewing thread market in Japan, and is aiming to expand its market share throughout Asia.



Retailing

Gunze's Directly Operated Stores
Gunze's Select Shops offer everything from standard items such as innerwear and stockings to the latest trendy items.



Jeans & Casual "the dan"

Jeans and casual wear available at "the dan" shops cover the range from standard items to designer brands that appeal to many generations. "Kuranosuke" shops offer street brands, casual wear, accessories and other items popular among the younger set.



TRYON

TRYON Co., Ltd. operates the "RIFLEPAGE" store at Diverscity Tokyo in Odaiba, handling "THRASHER" and other skateboard/surfing brands with a West Coast style.



Lifestyle Creations



Lifestyle Creations

Tying people to their community for better lives and a society that is comfortable to live in.

Commercial Facility Development

Gunze develops and operates commercial facilities that repurpose its old facility sites with the goal of promoting the development of regional communities and enhancing the comfort of their residents.



Gunze Town Center TSUKASHiN



Elumi Kounosu Shopping Mall

Gardening & Greening

To enhance our surroundings with abundant flowers and greenery, Gunze Green's business lines include the sale of plant materials and nursery trees, the sale of flowers and gardening.



Sports Club

Gunze Sports operates more than 20 Sports Clubs nationwide to encourage local residents to pursue fitness with confidence and enthusiasm, with a focus on the bonds that link people together.



Spa

Located within "TSUKASHiN" shopping complex in Amagasaki, Hyogo, Gunze's large-scale natural spa facility is perfect for a single-day trip. Different kinds of baths are offered, including an open-air rock bath, nano-scale carbon dioxide bath and stone-bed sauna.



Real Estate Development

By making use of its property holdings, Gunze leases shopping complexes, housing and office buildings.



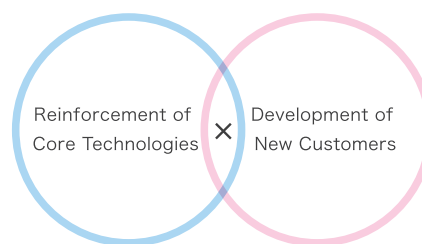
Engineering

To help maintain a safe and comfortable environment, Gunze leverages its expertise and technologies for energy/resource conservation, equipment maintenance-related diagnoses, etc. to promote functionality, comfort and convenience.



Research & Development

Since its beginning, Gunze's R&D efforts have focused on processing technologies. At present, with fiber processing, resin processing and surface processing technologies as its core, Gunze promotes the development of new technologies mainly in related high-growth areas. Each core technology is broken down to highly advanced and specialized key technologies. Above all, key technologies for cotton (cellulose) modification, physiological design, precision extrusion, dispersive mixing, and coating are Gunze's core competencies, and are employed in the development of many innovative products.



Innovation through processing technologies



Enhancement of QOL

Gunze's R&D currently centers on health and medical care, as we seek to improve people's quality of life (QOL). In addition to research into expanding the medical use of resin processing technology, Gunze also seeks to apply its apparel products, a source of our identity, for medical uses. Toward this end, Gunze will promote its new concept of "medical care through wear," intended to help relieve patients of postoperative pain or other discomfort.



Meniscal Scaffold

This device, made by combining Gunze's bioabsorbable polymer technologies, is designed for regeneration of a patient's own meniscus. This device is expected to enhance QOL of patients by minimizing restrictions in daily life activities and limitations in physical activity.



"MediCure" medical clothing

"MediCure" is designed to minimize skin irritation and alleviate various postoperative skin problems suffered by patients after surgery for breast cancer, etc. By reflecting the needs of the medical industry, Gunze develops products centering on the concept of reducing physical and chemical irritation and enhancing wearing comfort.

Example of Development



USHIBULL

Developed jointly with the Livestock Technology Department of the Kyoto Prefectural Agriculture, Forestry and Fisheries Technology Center, Gunze's "USHIBULL" system is designed to protect dairy cows from stress caused by intense heat. This helps minimize drops in milk productivity. This wearable system uses Gunze proprietary cool-touch material with high heat conductivity, to keep cows cool through vaporization of water-soaked fabric. This is combined with a water pouring system that keeps the quantity of water pouring at the optimum level.

R&D Facilities



Research & Development Department, Shiga



Research & Development Department, Kyoto/QOL Research Center

GUNZE LIMITED

Herbis Osaka Office Tower, 2-5-25, Umeda, Kita-ku, Osaka 530-0001, Japan
www.gunze.co.jp