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.

Tatsuriki Hatake, Founder (established in 1880)
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 to washable baby diapers and other daily-use commodities. Thin, light, and environmentally friendly, Gunze plastic films provide convenience and comfort to the Earth and its people.

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 semiconductors, medical, and many other manufacturing industries. Gunze’s thin-walled PFA tubes for fuser rollers/belts and transfer belts have enabled excellent quality image printing. These 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 resistances, as well as good reworkability.

Electronic Components
Gunze produces and markets touch screen 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.

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.

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 biodegradable 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 expected to achieve commercialization. The suture thread reduces stress for the patient by being absorbed into the body, allowing the body to heal after surgery without removal procedure.

Bioabsorbable Bone Fixation Devices
Gunze’s bioabsorbable bone fixation devices gradually dissolve and are then absorbed into the body, thereby eliminating the need for follow-up surgery. Thanks to this benefit, these devices are widely used for a wide range of surgical applications.

Medical Stockings
Gunze’s elastic medical stockings help to reduce and prevent varicose and spider veins in the legs. Based on Gunze’s highly-precision production techniques, the stockings fit comfortably and allow for easy wear and removal.

Bioabsorbable Artificial Dural Substitute
The artificial dural substitute mimics autologous surgery when combined with biological tissues adhesives. It gradually degenerates in the body, while a new autologous dura mater is finally regenerated to replace the substitute.
**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.

**Legwear**

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

**House Casual Wear**

Quality sleep starts with quality nightwear. Gunze offers nightwear and home casual wear designed for physical and mental relaxation. Functionality for a good night's sleep, and 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’s sewing threads for automotive airbags, which require exceptionally 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.

**Kumonosuke**

“Kumonosuke” shops offer street brands, casual wear, accessories and other items popular among the younger set.

**TRYON**

TRYON Co., Ltd. operates the "RUFFLEPAGE" store at Diversity Tokyo in Ginza, handling "RUFFLEPAGE" and other skatewear/ streetwear brands with a West Coast style.

**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.

**Eumi Keirinou Shopping Mall**

**Real Estate Development**

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

**Gardening & Greening**

To enhance our surroundings with abundant flowers and greenery, Gunze Green’s business lines include the sale of plant materials and nursery items, 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 “TELKASHIN”, 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-sauna carbon dioxide bath and stone-bed sauna.

**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

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<th>2018</th>
<th>2020 and beyond</th>
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<td>Current products</td>
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</tbody>
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### 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 biodegradable 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 curating 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/Osaka Research Center

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