Corporate Profile

Teijin Frontier Co., Ltd.

Life Evolves With Fibers.

Teijin Frontier Co., Ltd.

https://www2.teijin-frontier.com/english/
Opening up new possibilities for fibers by combining our **power to create** with our **power to connect**.

Teijin Frontier is a trading company that specializes in fibers and possesses the ability to create products ranging from textile materials to finished goods and the power to organically connect customers, suppliers and markets. In accordance with our corporate message, “Life Evolves With Fibers,” we will combine these two abilities as we continue to provide optimal solutions and new value.

**Corporate Philosophy**

We always create new values that contribute to a healthy environment and a prosperous future.
Message from the President

Teijin Frontier is the only trading company in the industry in Japan that specializes in fibers while being able to research, develop, produce and sell them. We combine our capabilities as a trading company with our research, development and production abilities to provide high-performance product with high added value in the fields of “textiles & apparel” and “industrial textiles and materials.”

Teijin Frontier has also developed its procurement abilities in both of these fields over many years and maintains wide-ranging processing and production networks both in Japan and overseas. With these attributes, we are building a global supply chain that enables us to flexibly respond to increasingly sophisticated and diverse market needs.

In terms of research, development and production, we are combining manufacturing through our own production facilities with fabless manufacturing to create and provide optimal commercial distribution that covers every stage of our process, from the development of our original textile materials to mass production and stable supply.

By applying these unique strengths, we are creating a business model through which we can respond to diversifying needs and demand for mass production.

We will develop our business by applying our unique strength, which combines our capabilities as a trading company with our R&D and production abilities.

We will embrace change in accordance with our five priority measures for growth:

- “Concentrating management resources in growth markets.”
- “Strengthening material development capabilities.”
- “Establishing a stronger global sales force.”
- “Promoting the generation of new businesses”
- “Implementing business reforms and strengthening the governance structure.”

We believe that applying our strengths and embracing changes, such as the shift from consumption focused solely on tangible goods to a mode of consumption that also emphasizes other values and the fusion between the fiber business and digital technologies, is the key to achieving further growth moving forward.

In 2019, we added the words “healthy environment” to our corporate philosophy. We always conduct our business out of consideration for the global environment, which provides the foundation for our business, as we help advance people’s lives by creating new value. Through these efforts, we are aiming to become a company that provides support for a sustainable society.

We will raise our corporate value to society in an effort to achieve a sustainable society.

Exploring the possibilities of fibers as we continue to create new value.

Shinji Nikko
President and Chief Executive Officer
Our Strengths

Creating new value through our combined capabilities as a trading company and manufacturer.

Teijin Frontier is fusing its conversion capabilities with its technological abilities, which cover all processes from material development to product manufacturing while creating new businesses in a wide variety of fields, including “textiles & apparel” and “industrial textiles and materials.”

A corporate entity capable of consistently managing the value chains of its businesses

Teijin Frontier is a corporate entity that is capable of managing its entire value chain, which includes, the procurement of materials and the processing, production and sale of goods. We possess strong capabilities as both a trading company and as a manufacturer, which enables us to provide optimal solutions that fulfill customer needs across all business stages, from upstream to downstream.

We fully utilize our development and manufacturing capabilities, which include the development and proposal of cutting-edge materials that achieve the highest levels of functionality, flexible and swift procurement, processing and commercialization; speedy product development that fulfills customer needs; production of original and advanced materials at our mother factory, the maintenance of a stable supply system; and the utilization of partner factories, which is made possible through our technical guidance. Furthermore, we provide valuable solutions by leveraging our understanding of needs and trends in a wide range of markets, which we cultivated through our broad access as a trading company; our supply chains, which enable us to flexibly procure products, even when they were not produced internally; our optimally located production; our global OEM network; and our sophisticated logistical capabilities.

Manufacturing that creates new products and businesses

Based on our ability to cultivate technologies through our research facilities and at our factories, we are developing materials and products that are competitive in the market. This development is being conducted on a global scale, with R&D centers in Japan, China and Thailand. With support from our own internal production plants, and those at Group companies, we are focusing on research and developing unique and superior new materials and technologies.

To respond to recent and rapid technological advancement, we are working to establish technological collaboration with universities, government offices and private companies. Through these efforts, we are accelerating research and developing and creating new products and businesses.

Opening up new markets and businesses

Opening up new markets and businesses

Developing products that fuse high-performance fibers with sensing technology

We are developing wearable solutions that combine our NANOFRONT™ nanofibers with motion sensing and vital sensing technologies. Our solutions can be used in a variety of fields and locations, including sports, work site, rehabilitation and health management.

Developing a solutions business that packages together emergency goods together

We are developing our MARUGOTO BOSAI™ brand, which provides all-encompassing damage reduction measures by combining our disaster prevention goods with those of other companies. This brand packages these goods together for use in private homes, hospitals, nursing care facilities and other areas in the event of possible disasters.
Technological Capabilities

Developing original materials that fulfill market expectations.

As a corporate group specializing in textiles, Teijin Frontier is developing products such as new materials that utilize advanced technologies and high-performance fibers to add new functionality to existing products. Supported by our trilateral global system of R&D centers, we also provide original materials that fulfill market expectations.

Teijin Frontier technology is characterized by fundamental technical capabilities related to fibers, consistent and competent performance ranging from material procurement to product evaluation and product development that is possible throughout all operational stages. We are building a development system that is capable of flexibly responding to individual customer demand in terms of both “textiles & apparel” and “industrial textiles and materials.”

Development made possible at all stages, from materials to products

Teijin Frontier maintains manufacturing and processing facilities that handle a variety of components and products, including nonwoven fabric products such as filters and fibrous structures, and rubber reinforcing materials, as well as equipment used for related measurement and evaluation. With these resources, we are researching and developing products with new characteristics that are in demand in a variety of fields, including fiber.

Promoting R&D resulting in original materials

As a fundamental development base and R&D center, our Matsuyama Office is involved in developments ranging from new polymers to cutting-edge fiber forming technologies, with a focus on the polyester fiber production technologies we have cultivated over many years. We are also developing original materials with substantial competitive power.

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Comprehensive development process that covers product development, trial production and product evaluation

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Japan

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China

Comprehensive development process that covers product development, trial production and product evaluation

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Thailand

An R&D center creates new functionality

Our Thai Innovation Laboratory, which is located within the Thailand Science Park, is our R&D center for the Southeast Asian region. It is responsible for developing spinning technologies primarily utilized to create polymers used in polyester fibers, functional processing technologies, and environmentally friendly fibers. As an additional responsibility, it also focuses on training human resources who will contribute to research and development.
Business (Textiles & Apparel)

Developing a diverse range of businesses ranging from materials to finished products.

Supported by our capacity for technological development, we are conducting global rollouts of clothing products and other materials that are used in a wide variety of garments that are necessary in many situations encountered in our daily lives, including our original Fibers and fabrics.

Fibers

Teijin Frontier is developing a diverse range of high-performance Fibers that are adjusted to fit a variety of needs and applications. We also offer environmentally friendly Fibers that contain recycled and plant-derived materials.

Fabrics

With foundational support from our original textile materials and our capacity for technological development, we are creating sophisticated textiles with high added value in apparel-related fields, including fashion, casual wear, sports wear and uniforms.

Products (OEM/ODM)

We are conducting a wide range of product development that includes the production of brand-name products (OEM) in the fields of fashion and sports apparel, as well as production that includes a design phase (ODM).

Key original materials

SOLOTEX™, a high-performance fiber

SOLOTEX™ is a fiber created using polytrimethylene terephthalate (PTT). It has a stretchiness that comes from its spiral, spring-like molecular structure and sports a soft texture. SOLOTEX™ is also easily blended with other natural and synthetic fibers.

DELTAPEAK™ series, high-performance textiles

Through our DELTAPEAK™ series, we have made it possible to develop woven, knit fabrics that offer flat fabric surfaces that contain the lowest possible amount of distortion, superior functionality and high-quality texture.

ECOPET™, a material with reduced environmental impact

ECOPET™ is polyester products (fibers, textiles, garments, and goods) made from recycled sources: various types of polyester waste, through the mechanical or chemical recycle process. It enables the effective use of the limited natural resources. By effectively utilizing natural resources, we are helping to substantially reduce negative environmental impact.

NANOFRONT™, a high-performance nanofiber

NANOFRONT™ is first nanofiber in the world to boast a diameter of 700 nanometers. It sports comparatively high levels of water absorption, absorbability of particulates, and anti-transparent, as well as a soft texture. Applications for NANOFRONT™ are expanding to include sportswear and underwear, as well as various daily commodities and industrial materials.

Global production bases for apparel fabrics and apparel

Our Japanese and overseas Group companies are collaborating to build global production systems for fabrics and apparel. Utilizing our development and production facilities in Japan, China and other regions in Southeast Asia, we are producing need-filling products in optimal locations while working to expand our apparel business, which systematically provides a variety of commodities ranging from materials to finished products.

Development of wearable cosmetics

Raffinan™, Japan’s first wearable cosmetic

Taking care to protect skin health, we have used our fiber technologies, which we cultivated over many years, to develop and sell Japan’s first wearable cosmetic.

Fibers Fabrics Products (OEM/ODM)

SOLOTEX™ DELTAPEAK™ ECOPET™ NANOFRONT™
Providing high-performance materials and products that support both industry and our daily lives.

Teijin Frontier develops state-of-the-art materials and products that are essential to both industry and to our daily lives and makes them available in a wide variety of fields. We also ensure that our materials are procured and treated in the most appropriate locations. Furthermore, in the automotive field, we are establishing supply chains in Japan, China, the ASEAN region, Europe and the United States.

Environment and infrastructure
Contributing to environmental conservation and infrastructure development while supporting safe and secure living

- Energy conserving heat shield film
- Smoke barriers made using incombustible sheet material
- Products and materials including liquid filters and filter bags
- Ultra-lightweight ceiling material that is secure during earthquakes
- Flexible materials for civil engineering, including concrete reinforcing
- Oil absorption materials useful for oil spills and waste oil treatment
- Comfortable materials used in bedding and related products
- Interior fabric that meets a wide range of customer needs
- Intricately designed carpet
- Text materials and products that sport high functionality and sophisticated design
- Products that fully utilize the capabilities of nanofiber
- Wiping cloth used in private homes and industrial applications

Living materials
We are enriching people’s lives with high-performance materials and products that are helpful in various settings.

- Comfortable materials used in bedding and related products
- Interior fabric that meets a wide range of customer needs
- Intricately designed carpet
- Text materials and products that sport high functionality and sophisticated design
- Products that fully utilize the capabilities of nanofiber
- Wiping cloth used in private homes and industrial applications

Mobility
We provide products that leverage our expertise in production and treatment, our sophisticated quality control and our global network.

- Fabric for airbags
- Seat fabric and fiber used in seat belts
- Reinforcing materials for automotive parts, including tires, hoses and belts
- Nonwoven fabric and staple fiber used in sanitary materials
- Cosmetic products and materials
- Nonwoven fabric and staple fiber used in sanitary materials
- Functional athletic supporters
- Nursing care products
- Cosmetic products and materials

Healthcare
Using our high-performance materials, we contribute to people’s health and beauty by offering a wide variety of commodities, ranging from sanitary materials to products related to sports, nursing care and cosmetics.

- Nursing care products
- Nonwoven fabric and staple fiber used in sanitary materials
- Cosmetic products and materials
- Functional athletic supporters
- Nursing care products
CSR Activities

Aiming to achieve a sustainable society.

Teijin Frontier develops businesses throughout its value chain, which includes research and development on materials, as well as their subsequent production and sale. We also promote corporate activities that fulfill a wide range of social responsibilities, including environmental conservation, personal safety, product quality, the working environment and human rights.

Environmental activities

Teijin Frontier Group Environmental Policy

1. We promote environmentally friendly business and contribute to the preservation of the planet by providing product and service solutions aligned with our corporate philosophy.
2. We aim to reduce our environmental impact on the planet and on local communities through prevention of environmental pollution in our supply chain. We do this by engaging in environmentally-friendly practices and education, and raising awareness of eco-friendly practices with our suppliers.
3. We apply the principles of Lean Manufacturing in our operations and aim to eliminate "MURI", "MURA", and "MUDA"* in our operations through the engagement of all our Group members. In this way, by striving for energy savings, reducing waste and through effective use of resources, we can contribute to the creation of a low-carbon society.
4. We comply with all applicable domestic and international environmental laws and regulations as well as agreements and standards defined by our Group.
5. We maintain an Environmental Management System covering all our operations. We regularly review and continuously improve this system in line with new requirements and changes in our operations.

Teijin Frontier Group Environmental Strategy

We support the society of the future, support environment-friendly manufacturing and systems under the corporate message "Life Evolves with Fibers."

Environmental Strategy and Goals

Our 3 Priority Goals

Committed to the use of environment-friendly materials

To conserve our planet’s limited resources, we will continue to use our raw materials from recycled sources. We will also develop materials that make use of resources available in the natural world.

Committed to maintaining the purity of our oceans and atmosphere

In our manufacturing operations, we will protect the oceans and atmosphere by minimizing the use of, and preventing the release of, environmentally harmful chemical substances.

Committed to an energy-efficient lifestyle

We will focus on minimizing our energy consumption attributable to manufacturing. Moreover, we will offer products with functions that enhance energy efficiency and other aspects of an eco-friendly lifestyle.

Products made with environment-friendly raw materials

Recycled 50% minimum

Products that can be manufactured with environment-friendly materials 100% (by FY 2030)

10% minimum

Products that protect the environment

Percentage of our products that contribute to a cleaner environment when in use More than 10% (by FY 2030)

100%

Products amenable to resource-efficient manufacturing

Percentage of our products that are energy-efficient when in use More than 10% (by FY 2030)

100%

Social activities

Promoting CSR procurement

Teijin Frontier brings stability to its operations and enhances its corporate value by promoting CSR procurement and actively engaging in corporate initiatives that encourage responsible conduct through activities that impact social and environmental issues. We continuously apply PDCA cycles when conducting supply chain management and, when we detect issues, we work out improvement measures with our suppliers and provide ongoing support. In addition to additional policies and standards, we have established a set of CSR procurement standards (guidelines) for our suppliers that act as a foundational document governing all CSR procurement activities. These CSR procurement standards are in full compliance with the laws and regulations of each country in which we operate, as well as international guidelines, such as the UN’s Guiding Principles on Business and Human Rights, which requests that all corporations and nations elevate their protection of human rights and improve their labor environments. To acquire understanding concerning the actual conditions at our suppliers, we require them to fill out self-assessment questionnaires that allow us to confirm their conditions in terms of labor, safety and health, environmental and quality. Based on the results of these questionnaires, we draft on-site inspection (audit) plans. We also conduct fact-finding surveys (audits) that examine the labor conditions and work safety of our suppliers.

Environment, Safety and Health (ESH) management

We are building and implementing environment, safety and health (ESH) management systems within our own company and at group company factories, in addition to conducting quality control as a manufacturer. We are also requiring ESH management at our partner factories. In accordance with our environmental policy, we are engaging in environmental conservation initiatives and are working to prevent environmental pollution. In terms of safety and disaster prevention, we are working to eradicate occupational accidents by actively engaging in ongoing preventative activities aimed at eliminating unsafe operations and conditions. These include “5S activities” (sort, set in order, shine, standardize and sustain) near-miss-related safety activities (sharing experiences that had the potential to cause, but did not result in, accidents) and safety patrols.

With regard to health, our activities are grounded in the provision of healthy work environments for employees. With this in mind, we are working to shorten long working hours, improve mental health and reduce occurrences of lifestyle-related disease.

Social contribution activities

Outdoor recycling events

We are working to raise awareness regarding environmental issues by providing and introducing recycled products as we conduct cleanup activities aimed at reducing marine plastic waste and collect used plastic bottles at event venues.

Disaster support activities made possible through our products

As one of our disaster support activities, we provide fabrics used to make the paper tubes and cloth used in privacy-guarding partitions for evacuation shelters.

For more details concerning our CSR activities, please see our website: https://www2.teijin-frontier.com/english/csr/
Global Network

The Teijin Frontier Group is a global manufacturer and seller.

The Teijin Frontier Group includes diverse group companies that are responsible for various functions, including the development, manufacture, and sale of textiles, and are located around the world. We are building a global network that allows us to respond to a wide range of needs through efforts ranging from local production to sales and distribution.
Corporate Information

Corporate Profile (As of April 1, 2020)

Name of Company: TEIJIN FRONTIER CO., LTD.

Establishment: October 1, 2012 / originally founded in 1869

Paid-in Capital: ¥2,000 million

Net Sales: ¥306.3 Billion (The Fibers & Products Converting Business group net sales in FY2019)

Number of Shares Issued: 20,002,000

Shareholders: 100% owned by Teijin Ltd.

Business Description: Sales and import/export of yarns, textile materials and clothing products, technical materials, industrial materials, automotive products, interior products, living articles, resins, films, industrial products, packaging materials, construction materials, synthetic leather, cleaning products, and various machinery, etc.

Number of Employees: 876 (As of March 31, 2020)

Head Office: Nakanoshima Festival Tower West, 2-4, Nakanoshima 3-chome, Kita-ku, Osaka 530-8605, Japan

Facsimile: +81-6-6233-2600

Telephone: +81-6-6233-5144

Domestic Offices:

Tokyo Branch: NBF Comodio Shiodome Bldg., 2-14-1 Higashi-Shimbashi, Minato-ku, Tokyo 105-0021, Japan

Facsimile: +81-3-6402-7001

Telephone: +81-3-6402-7070

Nagoya Branch: Urbanbump Fushimi Bldg., 1-10-20 Nishi, Naka-ku, Nagoya City, 460-0003 Japan

Facsimile: +81-52-220-4888

Telephone: +81-52-220-4939

Gosen Branch Office: 3-4-45 Minami-honcho, Gosen City, Nigata, 959-1836 Japan

Facsimile: +81-250-43-3175

Telephone: +81-250-43-3100

Hokuriku Regional Office: 5th Floor, Fuku Broadcasting Hall, 3-4-1 Ohto Fuku, Fuku 910-0005, Japan

Facsimile: +81-776-22-7100

Telephone: +81-776-22-7099

Matsuyama Office: (North)77, Kita-Yoshida-cho, Matsuyama, Ehime, Japan

Facsimile: +81-89-974-3626

Telephone: +81-89-972-1333

(South)2345, Nishihabumachi, Matsuyama, Ehime, Japan

Facsimile: +81-89-965-0912

Telephone: +81-89-965-0917

Oversea Business Bases:

Matsuyama Office: (North)77, Kita-Yoshida-cho, Matsuyama, Ehime, Japan

Facsimile: +81-89-974-3626

Telephone: +81-89-972-1333

(South)2345, Nishihabumachi, Matsuyama, Ehime, Japan

Facsimile: +81-89-965-0912

Telephone: +81-89-965-0917

History

1869 Takemura Touhai Shoten (Kyoto City) opened its Osaka branch, which began to trade raw cotton, cotton yarns and cotton fabric.

1902 Iwao Suzuki founded Suzuki & Company in Kobe

1912 Bunsuke Iwai founded Iwai & Company

1918 Teikoku Rayon Co., Ltd. founded

1918 Takemura Touhai Shoten changed its name to Takemura Shoten Co., Ltd.

1928 Suzuki & Company founded a new company in the name of Nissho Company

1936 Takemura Mengyo Co., Ltd. was founded

1943 Iwai & Company changed its name to Iwai Sangyo Company Ltd.

1952 Teijin Shoji Co., Ltd. was founded and began to sell rayon, staple fibers and textiles made of them

1953 Upon taking over ToSangyo Co., Ltd., Teijin Shoji Co., Ltd. succeeded to its brokerage business in the Osaka Chemical Fiber Exchange / Upon taking over Sanyo Kisan Co., Ltd., Teijin Shoji Co., Ltd. succeeded to its lumber saving, caimaking and construction material production businesses

1954 Teijin Shoji Co., Ltd. succeeded to the operation of the textile trading section of Nozaki & Co., Ltd. and set out on its textile export business

1958 Teikoku Rayon Co., Ltd. started producing Tetoron® at the Matsuyama Factory

1960 Teijin Shoji Co., Ltd. and Takemura Mengyo Co., Ltd. merged to form Takemura Teisho Co., Ltd.

1962 Teikoku Rayon Co., Ltd. changed its name to Teijin Ltd.

1964 Takemura Teisho Co., Ltd. changed its name to Teijin Shoji Co., Ltd.

1968 Nissho Company and Iwai Sangyo Company Ltd. merged to make a new debut as Nissho Iwai Corp.

1975 Nissho Iwai Textile Co., Ltd. was founded

1980 Nissho Iwai Iryou Co., Ltd. was founded

1982 Nissho Iwai Textile Materials Corp. was founded

1990 Teijin Shoji Co., Ltd. took over its four subsidiaries, i.e., Teisho Kiiti Hanbai Co., Ltd., Okayama Teisho Co., Ltd., Kansai Teisho Tent Hanbai Co., Ltd. and Kanto Teisho Tent Hanbai Co., Ltd.

1993 Nissho Iwai Iryou Co., Ltd. changed its name to Nissho Iwai Apparel Co., Ltd.

2000 Nissho Iwai Textile Materials Corp. and the Textile Department of Nissho Iwai Corp. transferred their respective goodwill to Nissho Iwai Apparel Co., Ltd.

2001 Nissho Iwai Apparel Co., Ltd. consolidated Nissho Iwai Textile Co., Ltd.

2001 Teijin Shoji Co., Ltd. and Nissho Iwai Apparel Co., Ltd. merged to form NI Teijin Shoji Co., Ltd.

2002 Teijin Fibers Ltd. founded

2012 N.I. Teijin Shoji Co., Ltd. and an apparel SBU of Teijin Fibers Ltd. merged to form Teijin Frontier Co., Ltd.

2017 In April, Teijin Frontier Co., Ltd. consolidated the polyester fibers business of Teijin Limited’s High Performance Fibers Business Unit.