

History of Value Creation

Since its founding in 1947, TATSUTA has tackled a variety of issues for social development amid the changing times, providing the market with products, services and systems linked to resolving these issues. It is a history of TATSUTA consistently creating new value through promoting innovation based on new ideas, while staying quietly beside consumers, companies and society.

History of TATSUTA Electric Wire & Cable

Established an integrated production system for electric wires

TATSUTA Electric Wire & Cable Co., Ltd. was established in 1945 by Usaburo Tatsumi and Ryoza Taya. Over two years since its establishment, the Company took its first step as an electric wire manufacturer, establishing an integrated production system for electric wires, from copper melting to wire drawing.



Electric wire manufacturing in its first years

Constructed the Wakae Works (current Osaka Works)

TATSUTA constructed the Wakae Works (current Osaka Works) to strengthen electric wire production base. Initially, the Works manufactured vinyl-coated wires, cotton and rubber-coated wires, stranded wires, marine wires and telecommunications cables. After manufacturing products to meet the soaring demand in the period of Japan's high economic growth, it remains an important plant today as TATSUTA's electric wire and cable manufacturing base.



Construction commences on Wakae Works

Constructed the Fukuchiyama Works (current Kyoto Works)

TATSUTA constructed the Fukuchiyama Works (current Kyoto Works) as a specialized telecommunications cable plant. From the 1990s, the plant began manufacturing optical fiber cables in addition to telecommunications cables, contributing to the enhancement of economic efficiency and national welfare, as well as the development of the information society.



Fukuchiyama Works under construction

Launched the environmental analysis business

The importance of the environmental measurement business increased, in response to the issue of environmental pollution resulting from Japan's rapid economic growth. TATSUTA launched its environmental analysis business, to contribute to local communities through the concentration measurement of air, water and soil pollution. Tatsuta Environmental Analysis Center, which subsequently took over this business, is engaged in improving the global environment and labor environment through its business activities.



Environmental analysis in its early years

Expanded into non-electric wire fields such as electronics-related products

TATSUTA expanded into electronics-related fields, in addition to electric wire and cables. It established the foundations of the current electronic materials & system equipment business, developing products such as water leakage detection devices to prevent water damage to computers, machinery and equipment, bonding wires for use in electronic circuits, and conductive copper paste.

Water leakage detection device in 1980s



Bonding wire in 1980s

Conductive copper paste in 1980s

Developed higher-efficiency production systems for electric wires

In around 1990, TATSUTA installed what was then state-of-the-art electric wire manufacturing equipment. The introduction of this cutting-edge equipment enabled TATSUTA to speed up production and shorten delivery times, while productivity continued to increase in the electric wire business with advances in machine automation. More efficient production systems were built, adding to TATSUTA's competitive advantage.



The new electric wire manufacturing equipment

Commenced sales of electromagnetic interference (EMI) shielding film

The prevention of noise from electromagnetic interference in electronic circuits became an increasing issue for electronic devices, as electronic technology progressed. TATSUTA developed EMI shielding film, utilizing the outstanding properties of conductive copper paste to counter electromagnetic wave. Today, EMI shielding film has become an indispensable part of high-performance mobile devices such as smartphones.



EMI shielding film in 2000s

Established new business bases and strengthened the equipment wire and cable group

TATSUTA established the Sendai Works and TATSUTA Technical Center, a base for the electronic materials & system equipment business, engaging in new business development and business continuity planning. In addition, TATSUTA acquired the specialist electronics wire manufacturer Tachii Electric Wire Co., Ltd. (current Tatsuta Tachii Electric Cable Co., Ltd.) as a subsidiary in the equipment wire and cable business, where future development is anticipated.



TATSUTA Technical Center

Sendai Works

Tachii Electric Wire Co., Ltd.

1947 1953 1973 1977 1980s 1990s 2000s 2010s

TATSUTA's products to address social issues

Supporting safe and stable electricity supply



Electric wire and cable for power distribution

Electric wire and cable, to make the stable supply of electricity in a safer way. TATSUTA has unwavering confidence in its quality, reliable technology and knowhow gained from many years of engagement in the development, manufacturing and sale of electric wire and cable.

For advanced telecommunications network society



Telecommunications cable

From the telegraph and telephone to other applications, telecommunications cable has been used widely as a means of transmitting information. Until production was terminated in 2012, TATSUTA boasted a wide range of cables, enabling it to adapt to the diverse needs of different systems.

Problems from toxic substances



Environmental analysis

Tatsuta Environmental Analysis Center's environmental analysis covers a wide variety of fields including not only water, air, and soil quality analysis and working environment measurement but also the analysis of toxins such as dioxins and trace PCBs, which are becoming increasingly prominent, and the analysis of products and materials.

Promotion of high-technology industry



Water leakage detection device

Bonding wire

Conductive paste

Water leakage detection devices swiftly detect and report water leaks. Bonding wire connects IC chip to lead frame. Conductive paste was born of polymer mixing technology and metal powder surface treatment technology. TATSUTA has developed a variety of products related to the electronics field.

Smaller and lighter electronic devices



Electromagnetic interference (EMI) shielding film

EMI shielding film protects electronic devices from malfunction due to electromagnetic noise. With the advance of smaller and lighter smartphones and tablet devices, EMI shielding film has become indispensable to protect internal circuits.

Evolution and sophistication in the industrial device and FA industry



FA robot cable

TATSUTA has developed a unique high tensile alloy, which prove highly effective in environments requiring a range of flexure, such as internal wiring for robots. TATSUTA's Equipment Wire and Cable Group provides equipment wire and cable for a comprehensive range of devices, including industrial devices, FA/robots, video and audio devices, etc.