

NITTA CORPORATION
Corporate Guide



NITTA CORPORATION

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<http://www.nitta.co.jp>

Top Message



The new look for our brand

Nitta started operations in 1885 in Osaka. The founder's goal was "to manufacture with our own hands products that cannot be available in Japan." After many years, this same concept still defines the businesses of Nitta. Our mission is to capture leading market shares in new business domains as we work closely with customers and suppliers based on the spirit of "Invention & Innovation." The Nitta Group remains dedicated to achieving more growth and progress on a global scale.

The meaning of "Invention & Innovation"

Lessons and other words of wisdom of Nitta Founder Chojiro Nitta guide the Nitta Group to this day. Our core corporate philosophy is defined by three elements: invention, innovation and harmony. The new slogan incorporates two of these elements. Additionally, the curved lines that are part of the logo represent harmony and evolved into a visual brand that is in step with today's global markets while remaining firmly rooted in the principles of the Founder.

The history of our company began with our founder Chojiro Nitta in 1885. That history has since been built up for more than 130 years and we have now entered a new stage of rapid progress.

While we continue to follow the founder's principles of "Invention, improvement and harmony," as a manufacturing company, we are strongly conscious of "Invention & Innovation" as we work to further improve our technical development capabilities and create new customer value.

In specific terms, we have stated that our objective is to become the "Global No. 1 Partner in composite technologies of soft materials." We want to use the core technologies we have in synthesis technologies for materials such as rubber and resin to add functional value to composite products, so that we can continue to steadily respond to the state-of-the-art requirements of world leading companies in various different industries.

To make this possible, we have begun the innovation to cultivate a corporate culture appropriate for a Global No. 1 Partner. For example, we are thoroughly enforcing the raising of added value, not only in the manufacturing workplaces, but also in the offices. This is because we believe that the reform of the awareness of each individual employee will increase the competitive power of the company overall and become the driving force supporting sustainable growth for the company from now onwards.

We must have products with new technologies and high quality. Also, we must build a harmonious relationship with all our stakeholders and serve society. This is the unchanging corporate philosophy of Nitta.

As globalization proceeds even further in the market competition environment, Nitta will steadily work at "Invention and Innovation" so that we can continue to exist as a trusted partner of you all far into the future.

Motonobu Nitta
President and Representative Director

Business Fields

Construction and Civil Engineering

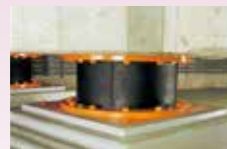
Expansion devices for bridges have been employed in numerous bridges such as the Rainbow Bridge in Tokyo, and there is a great demand in water stop material for repair and maintenance work. Base isolation systems which protect buildings and bridges from earthquake are made of rubber laminate.



Expansion joint



Water stop material



Base isolation material

Automobiles

The air brake piping system in trucks and buses employ resin tubes and joints, and the hydraulic systems of specialized vehicles employ resin hoses.



Automobile air pipe parts



Vehicle fuel pipe parts



Resin hose

Living and Logistics

Belt curve conveyors are used for conveyance in the printing and bookbinding field, the delivery and sorting of parcels, and for transporting baggage at airport terminals. RFID tags are being employed in the distribution management process for goods.



Newspaper curve conveyer



Distribution center



RFID tags for logistics

FA, Automation, Labor-saving

There are applications in a wide range of fields such as tool changers in multifunction industrial robots, gyro swivels which increase flexibility in movement, and rubber wipers for transfer machines used to make automobile engines.



Automatic Tool Changer



Gyro Swivel Series



Rubber wiper

Environment and Energy

Air filters are employed in air purification systems at large-scale complexes. Gas adsorbents remove harmful gases and improve the air quality environment. Power transmission belts are also contributing to the high efficiency operation of industrial equipment.



Emilent (air filter)



Gas adsorbent



Polybelt

Food and Health

Resin conveyor belts are playing a role in food conveyance where sanitation is an important consideration. Clean tubes and Chemifit joints are also being utilized to fill liquid food into containers. In the field of health care, occlusion sensor products are being favorably received.



Resin conveyor belt



Chemifit joint



T Scan III

Semiconductors, Liquid Crystal, Electronic Parts

Super high performance filters and particle counters that are indispensable for cleanrooms, and temperature sensitive adhesive tape that flexibly responds to each process in the manufacturing of silicon wafers, among others are contributing to improving productivity.



HEPA filter



Particle counter

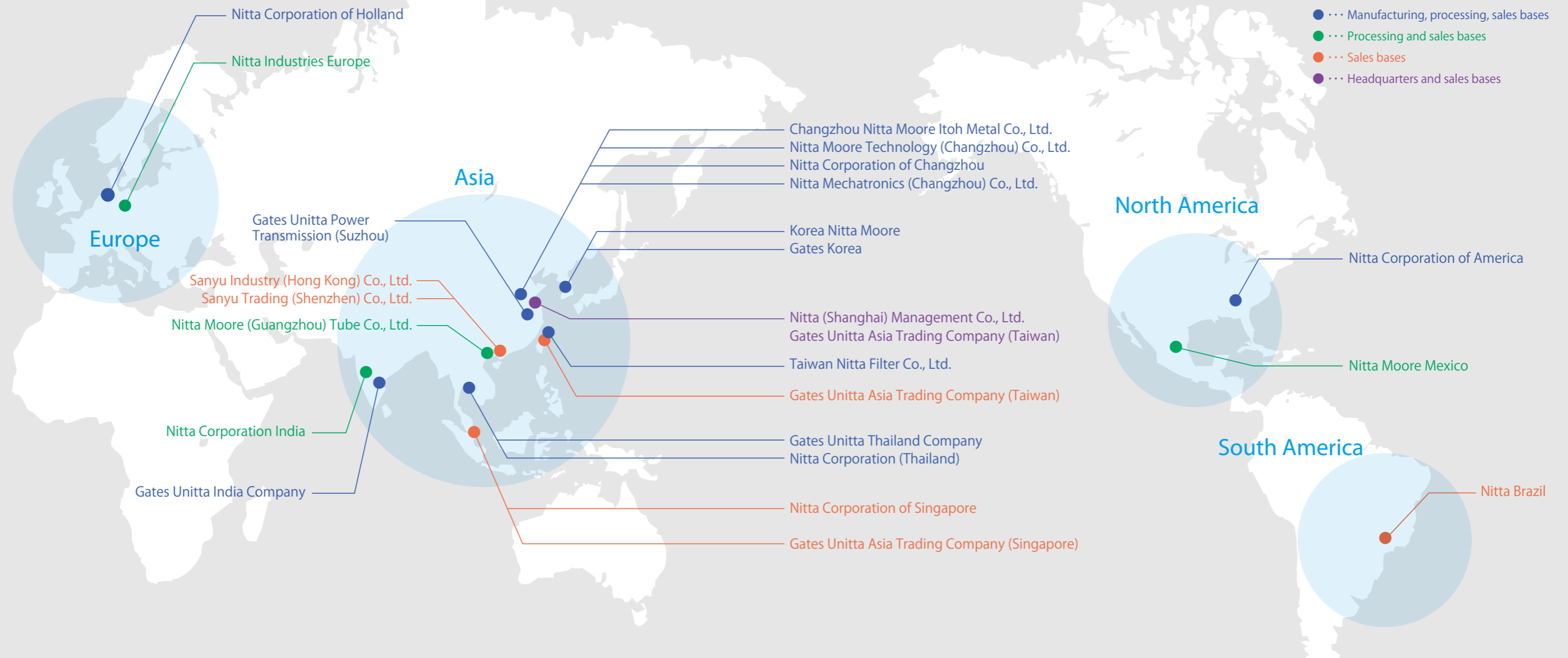






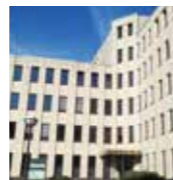










Intelimer tape

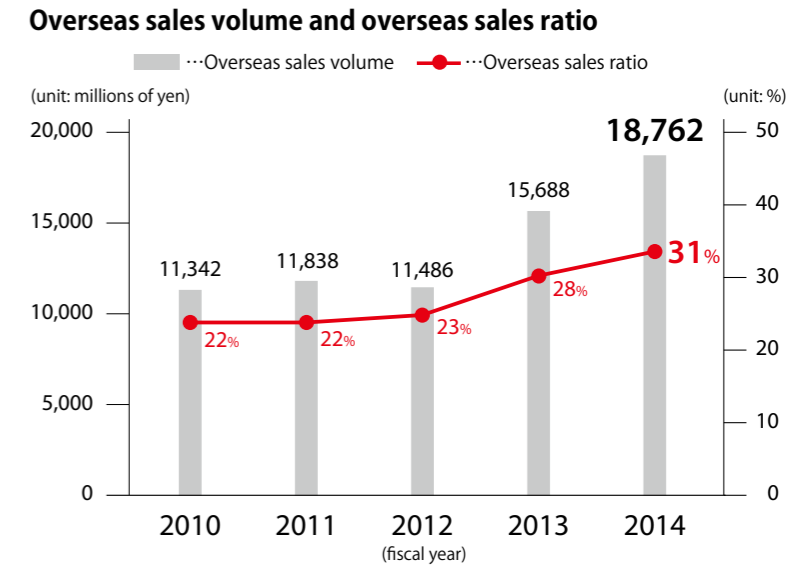
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Global Network



<p>Established March 1980 (NI)</p>  <p>Nitta Corporation of America (U.S.)</p>	<p>Established June 1988</p>  <p>Nitta Corporation of Holland B.V. (the Netherlands)</p>	<p>Established October 1988</p>  <p>Taiwan Nitta Filter Co., Ltd. (Taiwan)</p>	<p>Established January 1989</p>  <p>Korea Nitta Moore Corp. (South Korea)</p>	<p>Established April 1991</p>  <p>Nitta Industries Europe GmbH (Germany)</p>	<p>Established April 1994</p>  <p>Nitta Corporation of Singapore Pte Ltd. (Singapore)</p>	<p>Established September 2004</p>  <p>Nitta Moore Technology (Changzhou) Co., Ltd. (China)</p>	<p>Established August 2005</p>  <p>Nitta Corporation of Changzhou (China)</p>
<p>Established August 2005</p>  <p>Nitta Moore (Guangzhou) Tube Co., Ltd. (China)</p>	<p>Established April 2007</p>  <p>Nitta Moore Mexico S.de R.L.de C.V. (Mexico)</p>	<p>Established May 2010</p>  <p>Nitta (Shanghai) Management Co., Ltd (China)</p>	<p>Established January 2012</p>  <p>Nitta Corporation India Pvt. Ltd. (India)</p>	<p>Established August 2012</p>  <p>Nitta Mechatronics (Changzhou) Co., Ltd. (China)</p>	<p>Established March 2013</p>  <p>Nitta Brazil (Brazil)</p>	<p>Established March 2015</p>  <p>Nitta Corporation (Thailand) Limited. (Thailand)</p>	



Belting Products

Performance that connects technology

Nitta's roots can be traced back to the Meiji Period (1868 - 1912) when it produced Japan's first leather transmission belts. Still today, Nitta continues to produce belt products in the form of transmission belts and conveyor belts which play a pivotal role in various machines. By transmitting power and goods with greater speed, reliability, and higher functionality, we are creating high added value products which respond to society's needs and are contributing to social good with Nitta's technological strength.

Examples of applications



Textile machinery



Mailing machine



Automated teller machine



Food conveyance



Polybelt™
(Transmission and conveyor belt)



PolySprint™
(Ease of joining)



SEB™
(Precision transmission and conveyor belt)



NLG™
(Conveyor belt)

Transmission and conveyor belt, Polybelt™

- High speed and high load transmission will raise machine performance in various industries.
- Playing an active role in the transmission and conveyance functions of various industrial machines

Simple endless belt, PolySprint™

- Adhesives are unnecessary and allows for simple and fast installation.
- Can be used in a wide range of transmission and conveyance applications.

Precision transmission and conveyance seamless belt, SEB™

- As it is a molded product, it is ideal for precision transmission and conveyance.
- Has a good track record and reliability in ATM, banking terminals, and automatic turnstiles

Conveyor belt, NLG™

- Responds to your every conveyance need with a full product line up.
- Raises the safety of the food conveyor line.

Hose & Tube Products

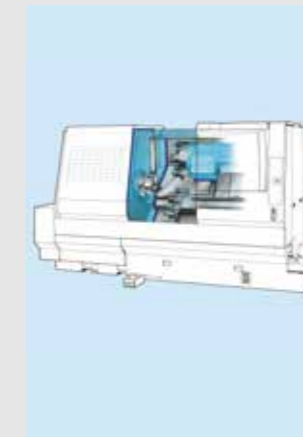
Arteries supplying key functions in machinery

Hydraulic and pneumatic energy transmission and fluid transfer processes are required in various situations in industry. As a pioneer of resin hoses and tubes, Nitta provides solutions for various markets. It has responded to diversified and high functionality needs accompanying technological reforms by producing innovative products through a blend of new materials and technology. Nitta will continue to propose new ideas and expand possibilities for next generation technology.

Examples of applications



Passenger vehicles, construction machinery, commercial vehicles



Machine tools



Cutting-edge technology



Automobile fuel pipe parts



Heating pipe parts for urea SCR system



Hydraulic resin hose



Clean tube



Automobile air pipe parts



Tube joint



Chemifit™

Automobile resin tubes and joints

- We are responding to various needs such as vehicle weight reduction and NOX reduction, such as with air brake pipes, air pipes, fuel pipes, and pipes for SCR system.

Hydraulic resin hose and joint

- In high load applications such as construction machinery and machine tools, we have achieved space-saving through a resin hose which is light weight and possesses superior durability.

Tubes, tube joints, and Chemifit

- We support high efficiency piping systems such as pneumatic equipment, semiconductor manufacturing equipment and analysis equipment.

Air Solution Products

Desire to Protect All Environments

From nuclear power plants, semiconductor plants, and pharmaceutical plants where a high-level of air conditioning precision is demanded, to hospitals and buildings where general air conditioning is required, we create optimal clean air environments that are safe and sound through the removal of dust, toxic gases, and microbes. Our hope for the future is contained in our clean technology.

Examples of applications



Hospital, Laboratory



Bio-Pharma



Semiconductor/LCD manufacturing



RIM light
(eco-friendly & bacteriostatic)



Mini HEPA unit
(for robot joint area)



LINESORB (for airborne molecular contaminations)



Emilent™ (super low pressure drop, energy-saving, resource-saving)



Various filter casings



Gigasorb
(for gas contamination)

Air cleaning air filter

- We provide filter systems that realize optimal environments in a wide range of industries, from various HEPA filters for semiconductor, liquid crystal, and pharmaceutical clean rooms, antibacterial filters for hospitals and senior citizen's facilities, to energy-saving medium efficiency filters for general buildings.
- We provide filter systems that are effective against gases and odors that are a problem at museums and laboratory animal facilities, among others.

Device Filters

- We provide filter systems suited for various individual applications, such as the removal of dust from a robot's drive region, and the removal of gas that occurs within semiconductor and liquid crystal manufacturing equipment.

Mechatronics Products

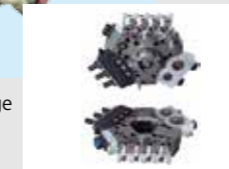
New proposals in automation transmission technologies!

Industrial robots are indispensable on the automated line. We respond to multifarious transmission requirements for various applications.

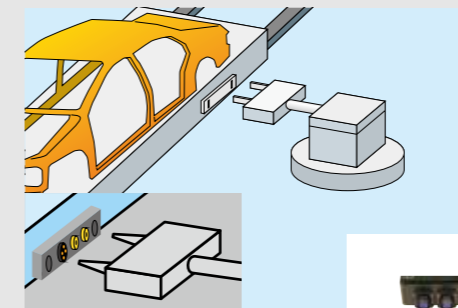
Examples of applications



Tools and materials handling change
(automobile manufacturing line)



Automatic Tool Changer series



Circuit detachment mechanism
(automobile manufacturing line)



Interface unit series

Automatic Tool Changer series

- We are contributing to robot multi-functionality and generalization with a revolutionary automated tool changing device equipped with automatic detachable electrical, pneumatic, or hydraulic circuitry.

Interface unit series

- Equipped with detachable electrical, pneumatic, or hydraulic circuitry for jigs and carts within the production process, we are contributing to labor-saving applying the high level of reliability cultivated with our Automatic Tool Changer, and through designs which meet the requirements of our customers.

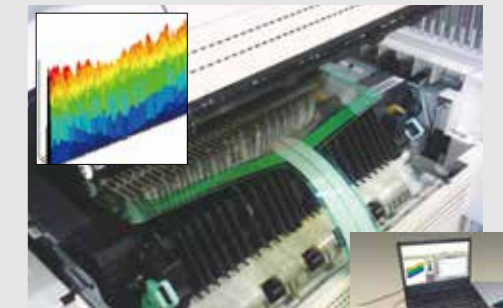
Tactile Sensor Products

Strong support for quality improvement and new product development with the 0.1mm thin film sensor

A film-type sensor can provide real-time visualization of pressure distribution information of the contact area in various fields such as manufacturing and healthcare. It will contribute to quality control at the production site, speed up new product development, and raise the level of customer satisfaction.

Examples of applications

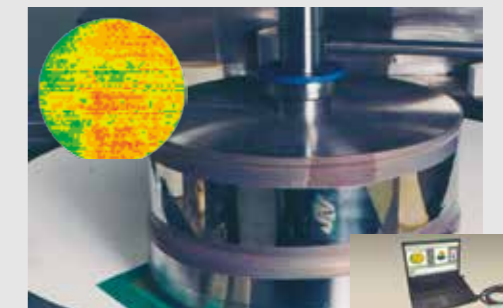
(This product is sold in Japan only)



Pressure distribution measurement in printer development and in the press working process



I-SCAN, PINCH



Pressure distribution measurement in the wafer and glass polishing process



C-SCAN, HIGH SPEED I-SCAN

I-SCAN, PINCH

- Development of fixing roller for copying machines, the ceramic capacitor manufacturing process, and pressure distribution measurement in the general press working process. Measuring is simple using a PC and USB connection.
- Sensors can be selected according to application from among an abundance of configurations (several tens).

C-SCAN, HIGH SPEED I-SCAN

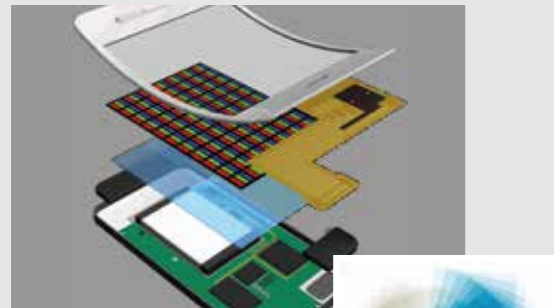
- A sensor system suitable for large area and fine pitch measurements such as wafers, glass, liquid crystal devices, and laminated circuit boards. Maximum 700Hz high speed measuring can also be used for various impact test assessments.

Thermal Activated Adhesive Tape

New functional adhesive material that can be applied in a variety of areas.

Intelimer Tape is Adhesive Tape utilizing a special polymer which responds to temperature to become adhesive or non-adhesive. We have three types of Intelimer tape “cool-off type” “warm-off type” “wax-substitute type”. Intelimer Tape brings labor-saving efficiency to work operations, and its ability to be reusable under the right conditions helps promote resource conservation and cost saving.

Examples of applications



Temporary fixation of flexible touch sensor



Sheet cut products



Electronic device manufacturing process



Roll products

Flexible device manufacturing process applications

- Temporary fixing applications to transition from glass substrates to plastic substrates, from rigid to flexible.
- (Flexible devices which were formerly impossible to manufacture in the glass sensor line can now be manufactured through the temporary fixation method.)

Electronic device manufacturing processes

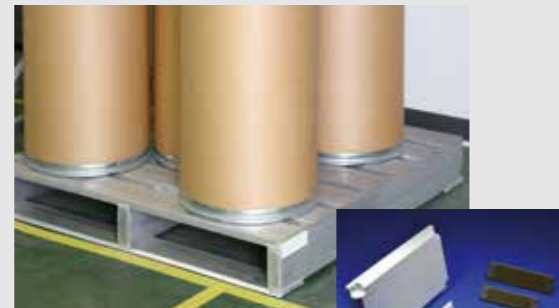
- Ceramic sheet lamination process, work fixation during the cutting process.

Wireless Communication Device

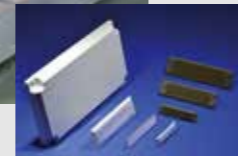
Leading the world of wireless communication with proprietary technology

Through a combination of rubber and resin molding and a proprietary compounding technique, we are developing products that improve UHF-band tag and NFC antennae and tag communication on a metal surface.

Examples of applications



RTI (Returnable Transport Item) management



920MHz band soft case and hard case type



Improvement of communication in transport facilities (tag and reader)



Makes communication of HF band tag on the metal possible



Magnetic sheet (roll type)

UHF band RFID tag operating on metal: LogiFlex

- Long distance communication and high durability is achieved through proprietary antenna design and materials technology.
- Responds to wide ranging needs through application-specific dedicated design such as for RTI and asset management.

Magnetic sheet: NoiseSluggler

- Use magnetic properties to improve the communication of NFC reader antenna and NFC tags.
- Two types are available: roll type and sheet type.

CSR Overview



Business Directions

- Nitta aspires to be a topnotch company with sophistication.
- Nitta aims to solidify corporate infrastructure and achieve stable long-term development by mustering all administrative resources.
- Nitta believes in responding to the customer's trust in Nitta brand by developing all products with technologies and services born of unique ideas.
- Nitta believes that its ultimate business asset is its people, and strives to create a workplace where everybody may share the pride and joy of working together.
- Nitta aims to be a conscientious corporate citizen harmonizing with the society and local community.

Nitta Group Code of Conduct

The Nitta Group strives to provide excellent and valuable products and services in order to gain the trust of and grow together with society. To this end, all employees working within the Group hereby promise to comply with and implement “Nitta Group Code of Conduct”.

1. We will pursue customer trust and satisfaction, and provide high quality products and services.
2. We will respect the spirit of rules and laws in addition to their compliance, in order to conduct free, fair, and transparent transactions based on fair market competition.
3. We will actively and openly disclose corporate information for the purpose of communicating with our shareholders, investors, and society in general.
4. We will respect the diversity, personalities, and individuality of our employees and secure safe and ideal working environments.
5. We will actively pursue social contribution activities as a conscientious corporate citizen.
6. We will voluntarily and actively contribute to global environmental conservation and protection.
7. We will comply with international rules and local laws overseas, and conduct business activities while respecting local cultures and traditions.
8. We will develop awareness as a member of our society, respect social rules and Common sense, and conduct sincere and reasonable actions.
9. We will properly handle and store information gained through our business activities according to its nature.
10. In order to realize the spirit of this code, we will strive to establish and maintain a corporate ethics promotion system, and consistently implement concrete actions.

Initiatives toward quality, the environment, and occupational safety and health

Nitta is proactively engaged in environmental conservation activities, in addition to quality control and occupational safety and health. It has already acquired certification for international standards including ISO9001, ISO14001, and OHSAS18001 and is managing all three management systems at a single division, with the goal of building a comprehensive internal system.

Nitta has established an internal system for CSR activities, mainly as it relates to corporate governance, environmental conservation activities, and involvement with the local community.



Quality initiatives



Environmental initiatives



Occupational safety and health initiatives

Corporate Data

Corporate Summary

- **Company name**
Nitta Corporation
- **Founded**
March 18, 1885
- **Established**
February 10, 1945
- **Representative Director**
Chairman: Nobutaka Kunieda
President: Motonobu Nitta
- **Director**
Osamu Nishimura
Kazuhiko Otsuka
Kazumi Inoue
Keiji Yoshimura
Yasunori Ishikiriyama
Mitsuyuki Suga
- **Paid-in Capital**
8,060 million yen (March 31, 2015)
- **Stock Exchange Listing**
Tokyo Stock Exchange (1st section)
- **Employees**
2,153 people (Consolidated, March 31, 2015)

Office

- **Head Office**
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- **Tokyo Branch**
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- **Nagoya Branch**
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Tel: +81-52-589-1300 Fax: +81-52-566-2007
- **Sales Office**
Hokuriku Sales Office / Shizuoka Sales Office /
Fukuoka Sales Office
- **Plants**
Nara Plant / Nabari Plant / Kochi Plant

Overseas Office

- **Nitta Corporation Korea Office**
Room 710, 7F, ShinhanDM Bldg. Mapo-daero 25,
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Tel: +82-2-3274-1252 Fax: +82-2-3274-1253
<http://www.nitta.kr>

Nitta Group

- **Gates Unitta Asia Company**
Head Office
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- **Nitta Haas Incorporated**
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Main Affiliates

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- **Nitta Corporation of Holland B.V.**
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- **Nitta Industries Europe GmbH**
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<http://www.nitta.de>
- **Nitta (Shanghai) Management Co., Ltd.**
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- **Nitta Mechatronics (Changzhou) Co., Ltd.**
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<http://www.nitta-jd.com>
- **Nitta Mechatronics (Changzhou) Co., Ltd.
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- **Nitta Moore (Guangzhou) Tube Co., Ltd.**
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- **Nitta Moore Mexico S.de R.L.de C.V.**
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- **Nitta Brazil**
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<http://www.nitta.com.br>
- **Nitta Corporation (Thailand) Limited**
7/472 Moo 6, Tambol Mabyangporn, Amphur Pluakdaeng, Rayong
Province 21140, Thailand
※ The business will be started in February 2016

Head office



Tokyo Branch



Nagoya Branch



Nitta Corporation of America (U.S.)



Nitta Corporation of Holland B.V. (the Netherlands)



Korea Nitta Moore Corp. (South Korea)

