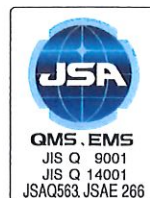




**NIPPON FUSO CO., LTD.**

**Our original technology  
moves the world forward.**



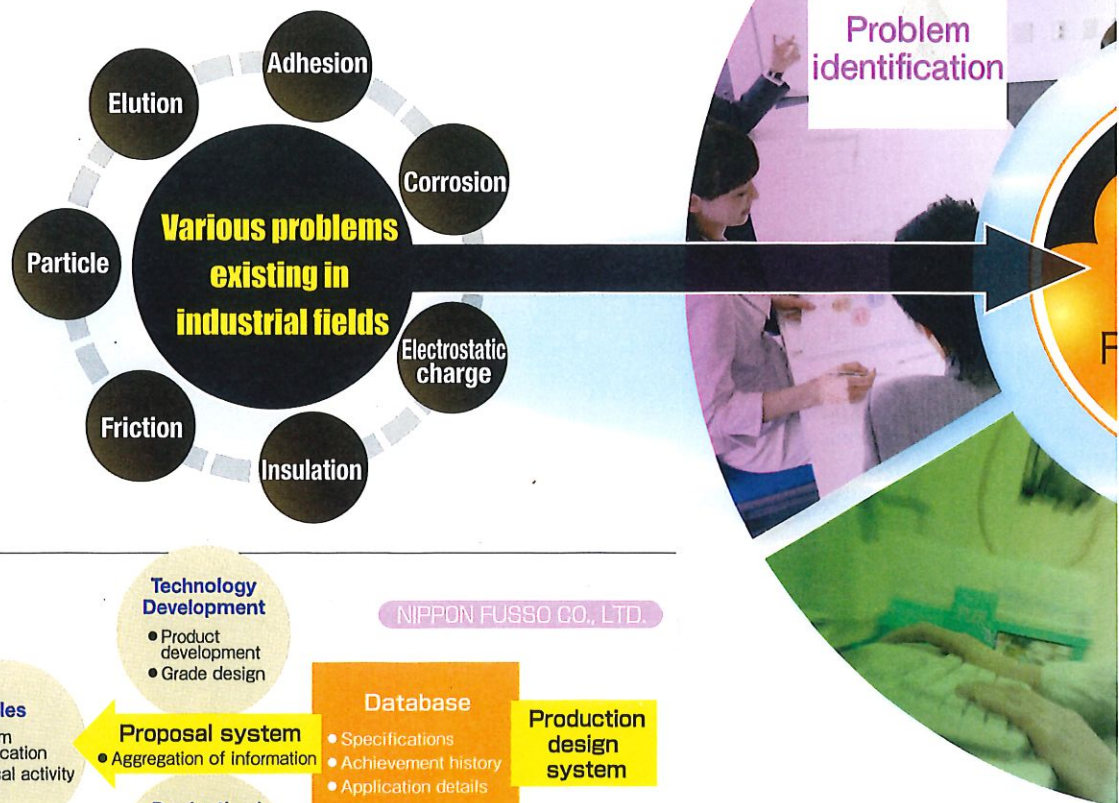
**NIPPON FUSO CO., LTD.**

# Technology-oriented company, committed to moving forward.

Solutions to all industrial fields by best coating technology.

Our mission is to solve customer's problem, and we work not only on technology development but also on proposal systems\*, through aggregation of information.

Where does the problem exist? What is the cause? And, how should it be solved? Problems occurring at manufacturing sites are so diverse and complicated. In our company, various departments including those related to sales, technology, and production/application work in collaboration to identify the problems faced by each of our customers, and propose appropriate and specific solutions.



## Step 1 Problem identification

Our technical/sales staff conduct a thorough meeting with the customer, to understand all the details of the problems that exist. Information collected from this meeting is crosschecked with the vast amount of actual performance data that we have accumulated, and applicable solution cases are searched for and proposed. In the case that a problem cannot be found in our performance data, the staff work on developing the optimal solution for the customer jointly with the Technology Development Dept., using the latest technology.

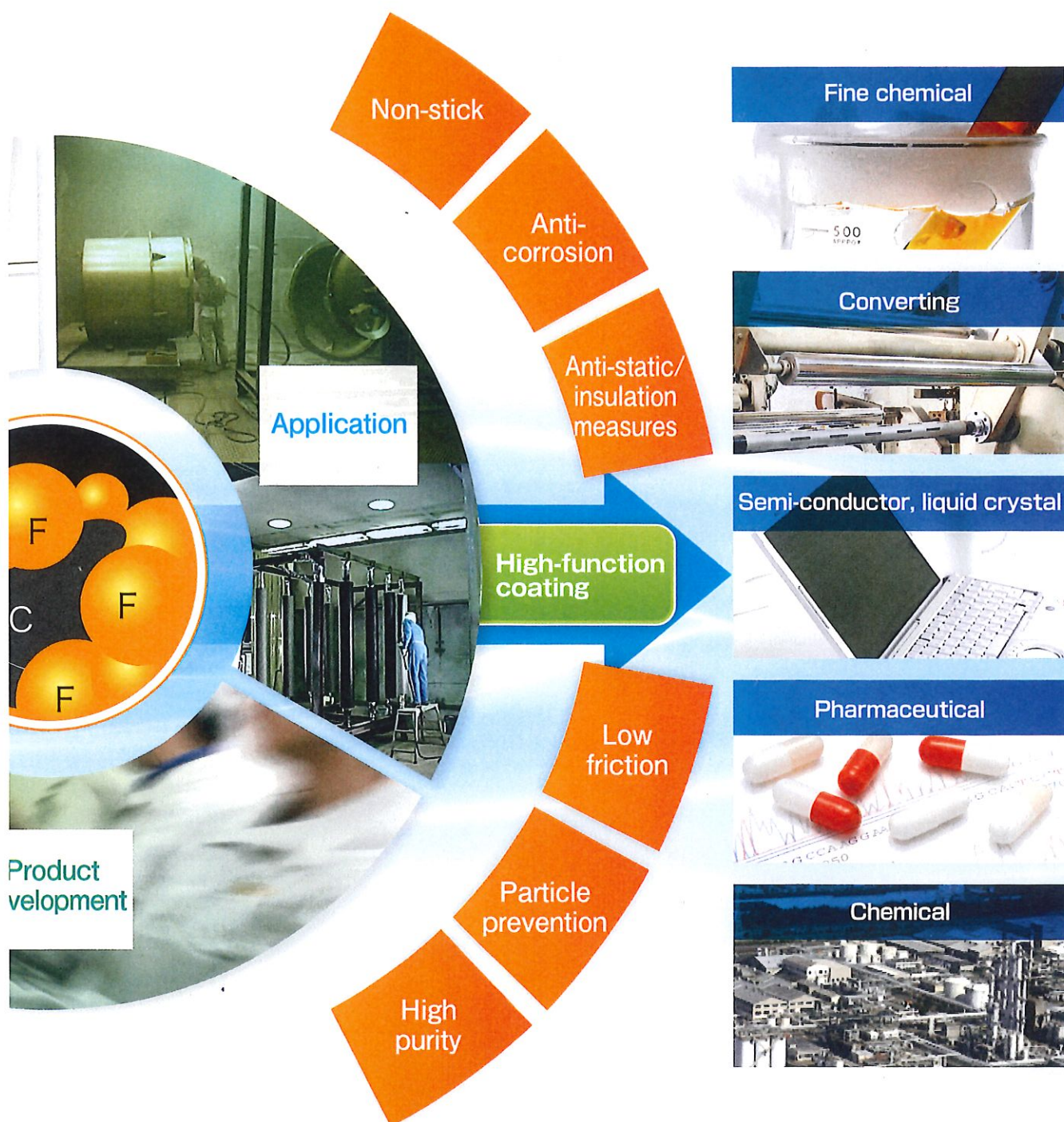


## Step 2 Technology development

The Technology Development Dept. plays an important role in tackling unprecedented problems. Our Surface Treatment Technology Research Center is engaged in the analysis of products, development of new surface treatment technology, and study of new materials. It is also involved in proactive problem solving for customers. If necessary, researchers are directly dispatched to customers' workplaces, to ask them about the issues directly and propose solutions.







### Step 3 Problem solution

The proposed solutions to problems are reflected in the production design, and are subject to actual production/application through the best use of our facilities and clean rooms, of which we possess some of the largest in the world. We also design and manufacture equipment. Our thorough knowledge of coating and lining allows us to design and manufacture highly reliable equipment, by maximizing our coating and lining capabilities. Further, with regard to precision components that require high accuracy, we are able to provide high accuracy by performing a secondary process after the coating and lining processes.



### Step 4 Maintenance

We have established a maintenance system for the customers who use our products. In the event of any urgent problem with coating/lining equipment in operation, we provide a maintenance service system in which the problem is quickly addressed, in principle, on the day it occurs or the following day. This helps to minimize any unscheduled shutdown on the customer's side. Further, we perform scheduled inspection/repair services when requested by customers.



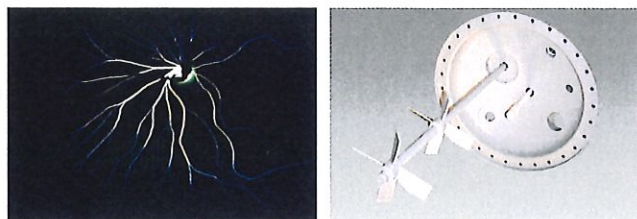


## Optimal materials in right place, utilizing right method.

**Totally eliminating "surface discharge"  
that possesses high ignition energy**

**Anti-electrostatic  
discharge specification (EC Series)**

We have developed the world's first anti-static fluoropolymer coating, which has already received greatly positive feedback from our customers. With our full lineup of products ranging from adhesion prevention type thin films to pinhole-free corrosion prevention type thick films, we are actively engaged in the field of explosion-proof facilities.



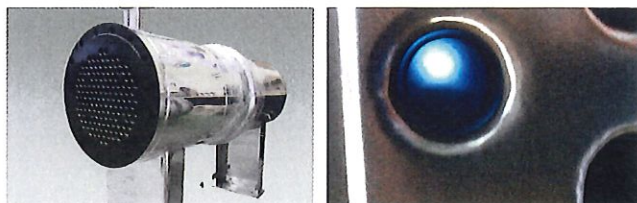
Creep discharge on fluoropolymer lining

**Usable in pressurized/depressurized conditions**

**BAKE-TYPE FLUOROPOLYMER LINING  
Multi-tubular Heat Exchanger**

In high purity required process equipment, fluoropolymer mold-type heat exchanger is utilized which cannot be applied under pressure or decompression.

NFX-2700 is special specification of bake-type lining applied inside narrow tubes with high purified fluoropolymer which can be utilized under pressure or decompression.



**No attachment of  
high viscosity adhesive materials**

**Non-stick specification  
specialized for high viscosity  
adhesive material (Tack free)**

There are cases where fluoropolymer coating alone cannot produce a sufficient non-stick effect on highly viscous adhesive materials such as adhesive tapes and tacky films. Our tack-free series can dramatically improve the non-stick effect, by using surface-roughing treatment and silicon-type coating according to application.



**Bake-type lining with film thickness of  
2 to 3mm, comparable to sheet lining**

**Bake-type thick film lining  
(Richil lining)**

Bake-type "Richil lining" is based on a baking technology that uses a film of 2 to 3 mm in thickness, comparable to sheet lining. Unlike sheet lining, however, it is seamless and, due to the lack of adhesive agents, the heat-resistant temperature of fluorine resin can be utilized without change. Our original multilayer structure contributes to a reduction in the peeling-off caused by thermal contraction and enables use in a vacuum environment.



**Next generation coating technology**

**Ultra-thin film/hard type coating  
(NF-5130 Series)**

We give mechanical parts such as rolls and blades that require a high degree of precision non-stick and hydrophilic properties by adding a film of 1  $\mu\text{m}$  in thickness. This high-function film can be subject to low temperature treatment, and can be coated without losing mechanical accuracy. Further, the coating realizes a pencil hardness of at least 9H.



**Shaft seal device of ultra-high purity specification**

**Non-metal PEC  
(Shaft seal for stirring machine)**

The "non-metal PEC" shaft seal for stirring machines was developed by combining our original "non-metal contact®" technology and the static pressure type non-contact seals (PEC) of Nippon Pillar Packing Co., Ltd., which is a shaft seal device of ultra-high purity specification that eliminates contact between process liquid and metal, thus preventing contamination.

(Co-developed product with  
Nippon Pillar Packing Co., Ltd.)



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high viscosity adhesive materials**

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**Large demand in  
cutting-edge industries**

**Fabrication of high precision parts by  
means of "precision secondary operation"  
of coating film**

The scope of coating services we provide extends also to precision parts, for which demand is increasing. This is especially the case for semiconductor manufacturing equipment and FPD manufacturing equipment. The precision secondary process that follows the coating process contributes to achieving high precision.





# Pioneer of fluoropolymer coating/lining.

After its foundation in 1964, our company was certified as a licensed industrial applicator for Teflon coating by Du Pont in the United States in May 1968. In 1971, we became the first company in Japan to receive the highest award from Du Pont for our performance in the improvement of coating technology. Currently, joint projects for development of resin are in progress together with domestic and foreign fluoropolymer manufacturers such as Du Pont, Asahi Glass Co., Ltd., and Daikin Industries, Ltd.

## Establishment of equipment design standards

If the structure of the coated equipment is not suitable, then the fluoropolymer function cannot be fully exhibited regardless of the excellence of the fluoropolymer materials we choose. Based on this concept, we have worked on establishing design standards for equipment which is suitable for fluoropolymer coating/lining. In order to exploit the outstanding function of fluoropolymer to its fullest extent, it is essential that we have both excellent surface treatment technology and appropriate equipment structure.

\*)Dupont spinned off its special chemicals business and fluoroproducts business into a new company named The Chemours Company in March 1, 2015.

Focusing also on R & D

## Engineering department

The Engineering Dept. takes care of implementing design/manufacture of equipment suitable for coating/lining equipment for our customers.

Coating/lining performance can be improved when the equipment is designed and manufactured by us. We also make proposals to our customers regarding equipment in which our original equipment design and coating/lining advantages are fully utilized.



## Surface treatment Technology Research Center; SRC

When considering the use of fluoropolymer coating/lining for the first time, it is necessary to perform a wide range of tests to confirm performance and effects. For this purpose, we have established various support systems covering all stages from preparation of test pieces to testing and assessment, to provide reassurance to our customers considering introduction. Our Surface Treatment Technology Research Center (SRC) plays the central role in these processes. In addition to assessment of test pieces, SRC provides technical support for establishment of new application methods and development of materials, thus forming the core of our company's technology.



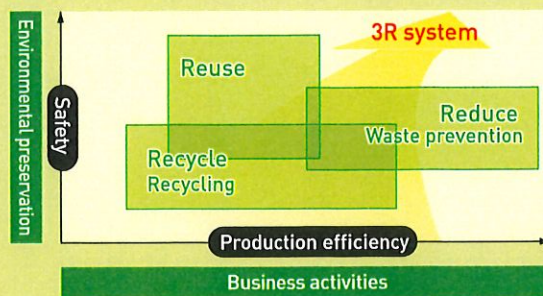
**Aiming to advance our business forward, without compromising the natural environment**

## Helping to establish a recycling-oriented society: Actively promoting the 3R principle

From its early times, Nippon Fusso as a chemical engineering company has made efforts throughout our business activities to be friendly to both humans and the environment, by acknowledging that "dedicating ourselves to preservation of the natural environment" is our fundamental principle. As for the principles such as "discharger responsibility" and the "extended producer responsibility (EPR)" stipulated by the Basic Law for Establishing the Recycling-based Society (2001), we have observed and disseminated these fully without any delay. Further, regarding the 3R challenges that are promoted by the Ministry of Economy, Trade and Industry (METI), we are making efforts with strong determination on a daily basis. An example of these efforts can be seen in our establishment of an internal Environmental Committee.

## Proposing fluoropolymer coating as the right item for reduction of environmental load

The fact that fluoropolymer coating can contribute to reduction of environmental load is surprisingly not well known. This is probably due to the fact that fluoropolymer coating is mostly adopted with the aim of increasing production efficiency. However, a number of environmentally conscious customers are already well aware of the effect of fluoropolymer coating on environmental load reduction, and are adopting it primarily for that reason. We recommend our customers who intend to work not only on VOC measures but also environmental preservation/improvement and customers who have acquired ISO 14001 certification utilize this fluoropolymer coating, as the right item for reduction of environmental load.



Special features of fluoropolymer coating	Reducing environmental load
Non-stick	<ul style="list-style-type: none"> <li>• Reducing detergent (solvent) use</li> <li>• Realizing automatic washing</li> <li>• Shortening washing/cleaning time</li> <li>• Reducing use of mold release agents</li> <li>• Reducing amount of residue liquid</li> <li>• Improving work environment</li> <li>• Reducing wastes through yield improvement</li> </ul>
Anti-corrosion	<ul style="list-style-type: none"> <li>• Protecting metal as a result of corrosion prevention</li> <li>• Reducing corrosive waste</li> </ul>
Anti-electrostatic discharge specification (EC Series)	<ul style="list-style-type: none"> <li>• Reducing static electricity troubles and accidents</li> <li>• Improving yield as a result of electrostatic charge prevention</li> </ul>



### Together with our customers, we protect the global environment.

#### Fluoropolymer coating/lining as environmental load reducing technology

Our company works on the development and manufacture of products that are environmentally-friendly and are trusted by customers. We make efforts to contribute to global environment preservation by constantly implementing technical services and repair services. Our management system is certified by ISO 9001 and ISO 14001.

#### ■ Quality management system ISO9001

The most important attribute needed in order to fully utilize the product's performance under severe use conditions is reliable quality. We were the first fluoropolymer coating/lining company in Japan to acquire ISO 9001 certification. We are ready to help customers to solve their problems in material selection and application, thanks to our rigorous quality control.



#### ■ Environmental management system ISO 14001

We acknowledge that global environmental preservation is one of the most important issues common to all human beings. As our fluoropolymer coating/lining is based on environmental load reduction technology, use of it by our customers can reduce detergent consumption and greatly improve the yield rate, thus contributing to sustainable environmental preservation.



Our headquarters plant mainly handles application for large parent materials, and our headquarters fine plant is where we first installed a clean room. Then there is our Saitama plant, with its large clean room and automated painting facilities. The plant of Nippon Fusso (Thailand) Co., Ltd. is equipped with large ovens similar to those in the headquarters plant and now covers the South-East Asia region.

While these plants are responsible for meeting production in their respective sales territories, they also mutually support and supplement one another according to the order-receiving situations under the established production system. Owing to this system, information exchange and technology sharing have been actively promoted among these plants, also bringing about steps toward development of new technology.

#### BCP Activity in NIPPON FUSO

We have prepared a business continuity plan (BCP) to ensure we are capable of addressing the situation in the event of interruption of our production activities due to natural disaster or other unforeseen circumstances.

### Headquarters/Main plant

ISO9001 Certified  
ISO14001 Certified

Complete with one of the world's largest ovens as well as clean rooms, the plant is capable of applying all kinds of coating to equipment from various industrial fields.



Regular oven



One of the world's largest ovens

#### Fine product factory



### Minami Osaka plant

ISO9001 Certified  
ISO14001 Certified

Complete with one of the world's largest rotational molding ovens, the plant focuses on corrosion resistance lining made of very thick films.



Richil lining rotational oven



New batch type furnace

### Saitama 1st plant

ISO9001 Certified  
ISO14001 Certified

Clean room and capacity for G8 size stage of liquid crystal manufacturing equipment.



Clean room

### Saitama 2nd plant

ISO9001 Certified  
ISO14001 Certified

The entire plant is clean room and mainly applying coating for semiconductor manufacturing equipment.



Clean room

### Affiliates

#### Nippon Fusso Technocoat Co., Ltd.

ISO9001 Certified ISO14001 Certified



One of Nippon Fusso group: wide variety of coating application for various industry (mainly non-stick coating)

#### Nippon Fusso (Thailand) Co., Ltd.



Like our headquarters plant, it is also complete with one of the world's largest ovens and provides coating services to rapidly developing industrial fields in South-East Asia.

#### Fusso Korea Co., Ltd.

ISO9001 Certified



One of Nippon Fusso group in South Korea: Equipped with a large ovens and clean rooms to apply coating for all industrial fields.



## List of coating application specifications and characteristics (typical examples)

● Application specifications are subject to change without notice due to reform/improvements.

	Grade	Main materials	Maximum Operative Temperature	Color/Tone	Standard film thickness	General property comparison							Note
						Non-stick Liquid Repellency	Releasing Property	Low friction Sliding Property	Abrasion resistance	Anti-electrostatic discharge	Anti-corrosion (No pinhole)	High-purity (No pinhole)	
Non-stick	NF-001	PTFE	260℃	Green	30μm	△	○	◎	○	×	—	—	Standard for sliding use.
	NF-007	PTFE	260℃	Gun metallic	30μm	△	○	◎	○	×	—	—	Excellent release use especially under high temperature.
	NF-1970	PTFE	260℃	Brown	70μm	△	○	◎	◎	×	—	—	Excellent anti-abrasion type of PTFE application.
	NF-0261	PTFE	260℃	Metallic gold	30μm	△	○	◎	○	×	—	—	Mostly used in releasing of resin.
	NF-004A	FEP	200℃	Green	40μm	◎	△	○	△	×	—	—	Mostly used in prevention of ink adhesion
	NF-008	FEP	200℃	Metallic grey	40μm	◎	△	○	△	×	—	—	Prevention of ink adhesion, especially water-based ink.
	NF-006	FEP	200℃	Black	20μm	△	△	○	◎	×	—	—	High hardness, slightly inferior in non-stick.
	NF-010A	FEP	200℃	Dark brown	40μm	◎	△	○	○	×	—	—	Anti-abrasion type of FEP application.
	NF-015	PFA	260℃	Grey	50μm	○	○	○	○	×	—	—	Standard PFA application. Prevention for melting resin adhesion.
	NF-015X	PFA	260℃	Light brown	50μm	△	△	○	◎	×	—	—	Combined with ceramic. Anti-thrusting-abrasion.
	NF-018BRA	PFA	260℃	Brown	150μm	○	○	○	◎	×	△	—	Anti-abrasion type of PFA application.
	NF-676	PFA	200℃	Black	70μm	○	○	○	○	×	△	—	Suitable for anti-atmosphere-corrosion.
Non-stick/ Anti-electrostatic discharge	NF-004EC	FEP	200℃	Light grey	40μm	◎	△	○	△	○	—	—	Mostly used in liquid non-stick.
	NF-004ECH	FEP	200℃	Light grey	80μm	◎	△	○	○	○	—	—	Thick film version of NF-004EC.
	NF-015EC	PFA	260℃	White	50μm	△	△	○	○	○	—	—	Mostly used in prevention of powder adhesion.
Release (Super non-stick) (non-fluoropolymer)	NF-5131	Special	250℃	Clear	1μm	—	◎	△	○	△	—	—	(Aucoat) Thin film with high hardness. Excellent in releasing.
	NFX-5340	Special	200℃	Metallic white	20μm	—	◎	△	◎	×	—	—	Ceramics coating. High hardness. Excellent in releasing.
Release (Super non-stick) (Tack Free)	NF-800	Special	Room temperature	Metallic grey	100μm	—	◎◎	—	◎	△	—	—	Rough surface+Fluoropolymer coating(bake-type). Ra10/Rz50
	NF-800FK	Special	150℃	Metallic grey	100μm	—	◎◎	—	◎	△	—	—	Rough surface+Fluoropolymer coating(bake-type). Ra7/Rz30
	NF-810FK	Special	150℃	Metallic grey	50μm	—	◎◎	—	◎	△	—	—	Rough surface+Silicon coating(bake-type). Ra10/Rz50
	NF-800SI	Special	230℃	Metallic grey	100μm	—	◎◎	—	◎	△	—	—	Rough surface application. Ra10/Rz50. Standard for releasing use.
	NF-830P	Special	200℃	Metallic grey	100μm	—	◎◎	—	◎	×	—	—	Rough surface+Silicon coating(bake-type). Ra5/Rz30
	NF-850	Special	230℃	Black	30μm	—	◎	—	○	×	—	—	Smooth surface. Non-stick&release use (Silicon bake-type coating).
	NF-850ECB	Special	230℃	Black	30μm	—	◎	—	○	○	—	—	Anti-electrostatic discharge version of NF-850.
Anti-corrosion	NF-014	ETFE	180℃	Black	600μm	×	△	×	◎	×	○	△	Standard for anti-corrosion ETFE lining.
	NF-014H	ETFE	180℃	Black	1mm	×	△	×	◎	×	○	△	Thick version of NF-004EC.
	NF-020BR	PFA	260℃	Black	400μm	○	○	○	◎	×	○	○	Standard PFA lining for anti-corrosion.
	NF-020AC	PFA	260℃	Black	600μm	○	△	○	◎	×	○	○	Suitable for more use, compared with NF-020BR.
	NF-240	Composite	200℃	Black	600μm	◎	△	○	○	×	○	○	Special application with mainly PFA. Many experiences.
	NFX-2700	Composite	200℃	Black	300μm	○	△	○	○	×	○	○	Anti-corrosion lining for small diameter pipe. Suitable for multi-tubular type heat exchanger.
Anti-corrosion/ Anti-electrostatic discharge	NF-014EC	ETFE	180℃	Grey	500μm	×	△	×	◎	○	○	△	Anti-electrostatic discharge version of NF-014.
	NF-240EC	Composite	200℃	Light grey	400μm	○	△	○	○	○	○	○	Anti-electrostatic discharge version of NF-240.
	NF-2141EC	PFA	260℃	Light grey	300μm	△	△	○	○	○	○	○	Anti-electrostatic discharge version of anti-corrosive PFA.
Non-stick· Anti-corrosion· High purity	NF-240A	Composite	200℃	Black	600μm	◎	△	○	○	×	○	◎	Special type of NF-240. Excellent in washability and high purity.
	NFX-2177	PFA	260℃	Brown	1mm	○	△	○	◎	×	◎	◎	Thick film type of PFA for anti-corrosion use.
High purity· Anti-electrostatic discharge	NFX-3000EC	PFA	260℃	Light green	400μm	△	△	△	○	○	○	◎	Anti-electrostatic discharge&high purity.
Super thick film for anti-corrosion (Rich!! Linings)	NF-715	ETFE	180℃	White	2mm	△	△	△	◎	×	○	△	Standard for ETFE lot lining.
	NF-715EL	ETFE	180℃	White	2mm	△	△	△	◎	×	○	○	Upper layer improved type of NF-715. Good surface.
	NF-718ECB	ETFE	180℃	Black	2mm	×	△	×	○	○	○	△	Thick film type of ETFE for special use.
	NF-750	PFA	260℃	Black	1mm	○	△	○	◎	×	◎	○	Standard for PFA lot lining.
	NF-753	PFA	260℃	Black	1mm	○	△	○	◎	×	◎	○	Under layer improved type of NF-750. Strong anti-corrosion.

● The above are representative application specifications. We have many other specifications available to suit your needs, so please feel free to make an inquiry.

● Heat resistant temperature is displayed as an indication of the continuous use air temperature.

● The properties for each specification are intercomparisons, intended as guides for specification decisions.

● Please seek advice from a member of our sales team to assist your selection of application specification.



## Major application examples of equipment (Performance responding to various needs)

### Reactor



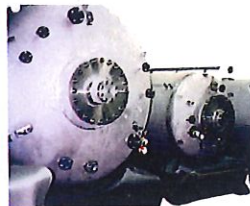
Temperature reaction tank



Reaction tank



Stirrer and agitation blades

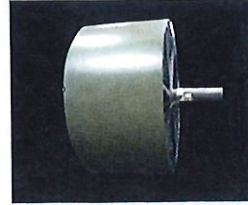


High-purity chemicals supply tank

### Dryer



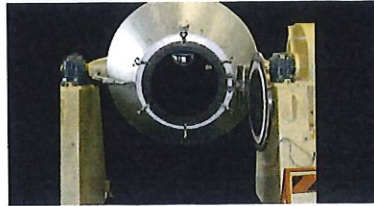
Floating nozzle



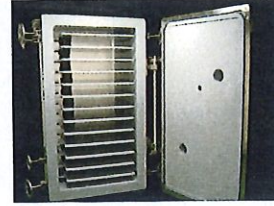
Dryer cylinder for making paper



Vibro-fluidized bed dryer



Conical dryer



Tray dryer

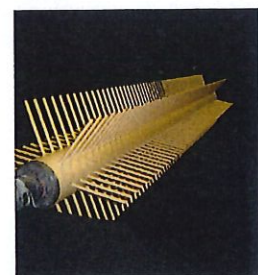
### Agitating/mixing



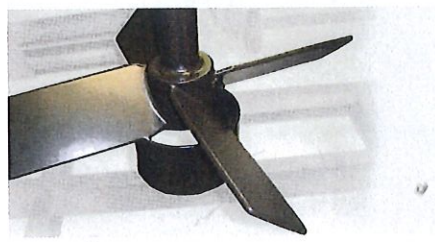
Agitating/mixing tank



Agitator



Crusher roll



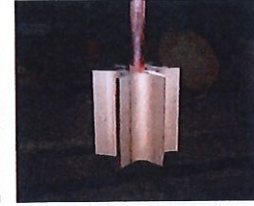
### Transportation, Handling



Diaphragm valve



Tanker lorry



Rotary valve



Sanitary piping



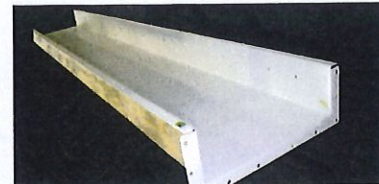
Powder transporter



Piping/Duct



Screw conveyer



Vibrating conveyer



Blower fan



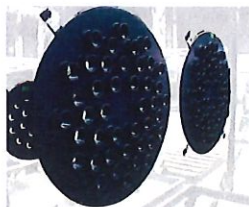
## Absorption/Adsorption



Grating



Tower

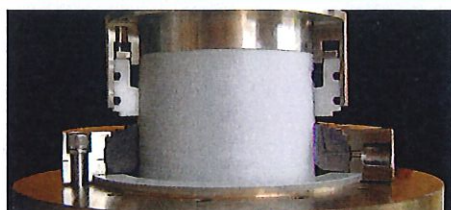


Distributor



Insert pipe

## Accessories



Non-metal PEC



Bellows



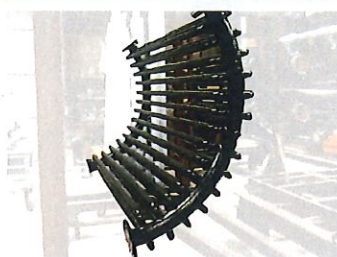
Tank valve

## Laboratory equipments

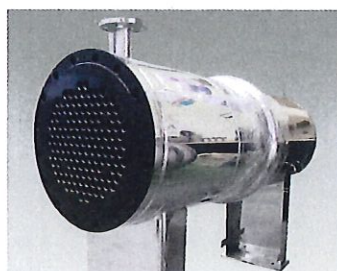


Separable container

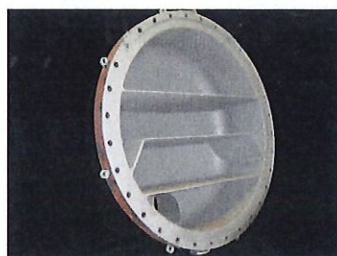
## Heat exchange



Heat exchanger



Multi-tubular Heat exchanger



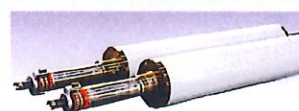
Channel cover

## Sifting

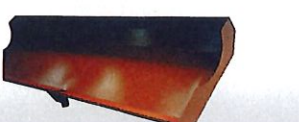


Vibrating sifter

## Coater



Roll



Ink pan



Roll

## Maintenance



Glass lining equipment, manhole cover

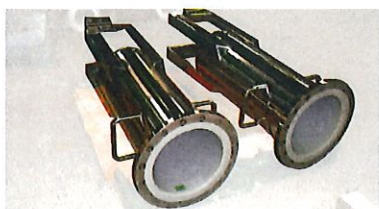
## Separation



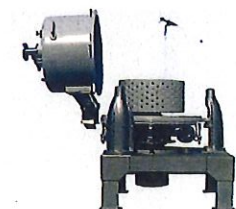
Mother batch tank/filtrate tank



Filter base



Filter/strainer

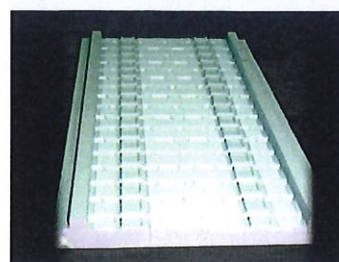


Centrifuge



Filter

## Molding



Rubber mold



# CHANGE IS CHANCE

## Fidelity and propriety

"Observe fidelity and respect propriety" – Company creed of Nippon Fusso Co., Ltd.

We place high value on meeting our commitments, fulfilling our duties, and responding to everything with courtesy and moderation. Since our foundation in 1964, "fidelity and propriety" has continued to be our motto that forms the basis of our corporate culture. This corporate culture serves as the foundation for us to build trusting relationships inside and outside the company.

## Management philosophy

### **Nippon Fusso Co., Ltd. aims for "Good Company".**

At Nippon Fusso Co., Ltd., we strive to solve our customers' problems through the daily improvement of our technology, quality and service, thereby contributing to the development of global industry.

Nippon Fusso is also the stage on which our employees shine as they grow and develop. Although they all play different roles, combining each person's strengths creates the best possible performance.

At Nippon Fusso, these two matters unite, as each and every employee devotes all strengths to jointly pursue potential solutions to customers' problems or themes that customers seek to overcome. Our employees' commitment to take on challenges aims to solve customers' problems and create trustworthy products.

## Competitive high-functional coating towards new international era

Ever since its foundation, Nippon Fusso Co., Ltd. has been devoted to contributing to the improvement of productivity, quality and safety through applying coating to manufacturing equipment of various fields of industry. With regard to our works, we are proud of our technological ability, which enjoys a high reputation in various fields. In order to respond to the increasingly sophisticated demands of our customers and to accelerate development of new coating/lining technologies, the Surface Treatment Technology Research Center was established in December 2006.

Meanwhile, the various fields of industries continue to expand, crossing borders and spreading throughout Asia. Since 1999, The Nippon Fusso Group has also been operating its business through Fusso Korea, an overseas affiliated company located in Pyeontaek City of the Republic of Korea. Further, with the aim of responding to the increasing demands in South-East Asia where many of our customers have newly entered in recent years, Nippon Fusso (Thailand) Co., Ltd. was founded in 2014 and a new plant started its operation on the Eastern Seaboard in Rayong province of Thailand in spring 2015, to meet demands in the ASEAN region. The Nippon Fusso Group is committed to being a good partner of our customers in Asia, a region that continues even more dynamic growth.



CEO  
**Satoru Toyooka**



## ■ Company Profile

Corporate name	NIPPON FUSO CO.,LTD.
Representative	CEO, Satoru Toyooka
Head Office	2-4-6, Mokuzaidori, Miharaku, Sakai, Osaka Postal Code: 587-0042
Capital	35 million yen
Number of employees	112 ; average age 41 (total number of group employees: 149)
Business locations	Osaka Headquarters, Tokyo Branch, Saitama Plant, Kyushu Sales Office (Fukuoka), Surface Treatment Technology Research Center
Affiliates	● Nippon Fusso Technocoat Co., Ltd. ● Nippon Fusso (Thailand) Co., Ltd. ● Fusso Korea Co., Ltd.
Business description	Bake-type fluoropolymer coating and lining, Engineering for coating and lining required equipment
Financial institutions	Resona Bank, Bank of Tokyo-Mitsubishi UFJ, Sumitomo Mitsui Banking Corporation, Shoko Chukin Bank, Mizuho Bank

## ■ HISTORY

May 1964	Nippon Fusso Kogyosho was founded in Sakai City
November 1966	Nippon Fusso Co., Ltd. was founded
May 1968	Certified as a licensed industrial applicator for Teflon coating by Du Pont (US)
April 1971	Received the "highest award" from DuPont (US) for improvement in technology
September 1976	Developed antistatic coating
November 1984	Introduced SermaGard and SermeTel technology from Sermatech International Incorporated (US)
April 1984	Entered technical cooperation with Renotherm Co. (Germany)
April 1989	Made a presentation on "Richil lining" at the world conference on Teflon
July 1991	Entered technical cooperation with Smaltrva S.p.A. (Italy)
January 1993	Introduced a high velocity oxygen fuel (HVOF) thermal spray equipment
September 1999	Registered in ISO 9001 Quality Management System
October 1999	Fusso Korea Co., Ltd. was founded
September 2000	Registered in ISO 14001 Environmental Management System
July 2003	"Release static electricity prevention coating" won the Advanced Display of the Year (ADY) Excellence Prize in the 13th Flat Panel Display Manufacturing Technology Expo.
November 2004	All domestic production bases acquired ISO 9001 and 14001 certificates. A large-sized oven that can also support the eighth-generation liquid crystal manufacturing unit was completed and began operations in Saitama Plant
November 2005	Marked the 40th anniversary since foundation
December 2006	Surface Treatment Technology Research Center was inaugurated
April 2007	Saitama 2nd Plant was inaugurated
May 2007	Fusso Korea Pyeongtaek 2nd Plant was inaugurated
February 2008	Awarded Excellence Prize of "2007 Top 100 Kansai IT Businesses"
July 2008	Fusso Korea, our local corporation in Korea, acquired ISO 9001 certificate
January 2009	Awarded "Osaka Monozukuri Superior Company Prize 2008" Excellent Company Prize
January 2009	"Nonmetal Touch®" was trademarked
December 2009	Headquarters Plant (Sakai City, Osaka Prefecture) was commended by the Director of Osaka Labour Bureau for achieving "no-accident record of 2,600 days"
November 2013	Acquired certification mark "Kurumin" by Osaka Labour Bureau, based on Act on Advancement of Measures to Support Raising Next-Generation Children No.13
January 2014	Nippon Fusso(Thailand) Co.,Ltd. was founded.
April 2014	Acquired certification "Sakai wazasyu" by The Sakai Chamber of Commerce and Industry.
July 2014	"Aμcoat®" was trademarked.

## ■ Company Profile

### ● Headquarters

2-4-6, Mokuzaidori, Miharaku, Sakai, Osaka  
Postal Code: 587-0042  
TEL +81-72-361-3391  
FAX +81-72-363-1230  
URL : <http://www.nipponfusso.com>



### ● sales

<b>Tokyo Branch</b> (*)	6-8-10, Nishi-Kasai, Edogawa-ku, TOKYO Postal Code:134-0088 TEL +81-3-3688-3237 FAX +81-3-3688-1453
<b>Osaka Branch</b> (*)	2-4-6, Mokuzaidori, Miharaku, Sakai, Osaka Postal Code: 587-0042 TEL +81-72-361-3391 FAX +81-72-363-1230
<b>Development Division</b> (*)	TEL +81-72-361-4848 FAX +81-72-361-9966
<b>Engineering Division</b> (*)	TEL +81-72-361-2722 FAX +81-72-363-1230
<b>Kyushu Sales Office</b>	2-4-36, Fujimi, Kokuraminamiku, Kitakyushu city, Fukuoka Postal Code:802-0801 TEL +81-93-952-5650 FAX +81-93-952-5625

### ● Surface Treatment Technology Research Center

**Laboratories**(\*) 4-11-1, Mokuzaidori, Miharaku, Sakai, Osaka  
Postal Code:587-0042  
TEL +81-72-361-3393  
FAX +81-72-361-3622



### ● factory

<b>Nippon Fusso Co., Ltd. Plant</b> (*)	2-4-6, Mokuzaidori, Miharaku, Sakai, Osaka Postal Code: 587-0042 TEL +81-72-361-3391 FAX +81-72-363-1230
<b>Saitama Plant</b> (*)	2-5-1, Toyono, Kasukabe city, Saitama Postal Code:344-0014 TEL +81-48-731-2214 FAX +81-48-731-2238

### ● affiliates

<b>Nippon Fusso Technocoat Co., Ltd.</b> (*)	2-4-8, Mokuzaidori, Miharaku, Sakai, Osaka Postal Code:587-0042 TEL +81-72-361-1168 FAX +81-72-361-1171 <a href="http://www.nf-technocoat.com">http://www.nf-technocoat.com</a>
<b>Nippon Fusso (Thailand) Co., Ltd.</b> (*)	<p>● <b>Head Office</b> 62 The Millennia Tower 18th Floor, Lang Suan Road, Lumpini, Patumwan, Bangkok 10330 Thailand TEL+66(0)2-650-2265 FAX+66(0)2-651-9960</p> <p>● <b>Factory</b> 64/67 Moo4, Eastern Seaboard Industrial Estate, Pluakdaeng, Rayong 201140 Thailand</p>
<b>Fusso Korea Co.,Ltd.</b> (*)	837 Hansan-Ri, Cheongbuk-Myeon, Pyongtaek-City,Kyonggi-Do,451-833, KOREA TEL(031)683-2015 FAX(031)683-2019

(\*) ISO9001,ISO14001 Certified  
(\*) ISO9001 Certified





**NIPPON FUSO CO., LTD.**

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