

Results of Operations for the First Half of the Fiscal Year Ending February 28, 2019

October 25, 2018 Jun Kawata, President



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1H FY2/19 Financial Summary

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Highlights of the First Half of FY2/19



1H FY2/19 Results of operations

Consolidated sales and operating profit increased and surpassed the initial plan.

Consolidated sales: 17,141 million yen (+5.1% YoY)

Consolidated operating profit: 889 million yen(+24.8% YoY)

Performance exceeded the plan mainly because a large IT and Industrial Materials order expected in the second half was received in the first half.

Higher prices of raw materials caused by the rising cost of crude oil had only a negligible effect on earnings.

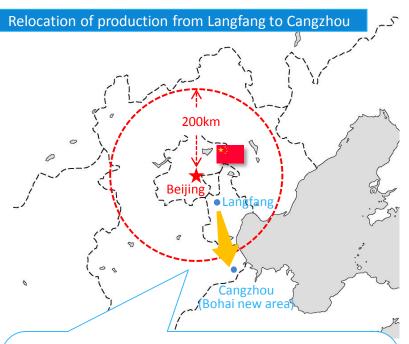
Construction of Saitama Plant III started in April 2018



Construction is proceeding on schedule despite the shortage of construction workers in Japan. Completion is planned for September and preparations for the plant's machinery are under way.

Highlights of the First Half of FY2/19

- Plan to move production to Cangzhou as Langfang imposes tighter environmental restrictions
- Operations have started at a newly established U.S. company in Nashville, Tennessee



Cangzhou Nakamoto Huaxiang New Materials Co., Ltd.

- Established the new company in April 2018
- An administrative building and factory are under construction



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Nashville Sales Office

- Established the new company in February 2018
- Operations have started with the goal of quickly becoming profitable

Financial Highlights

NAKAMOTO PACKS CO.,LTD.

(Consolidated)

(Millions of yen; (% to sales))

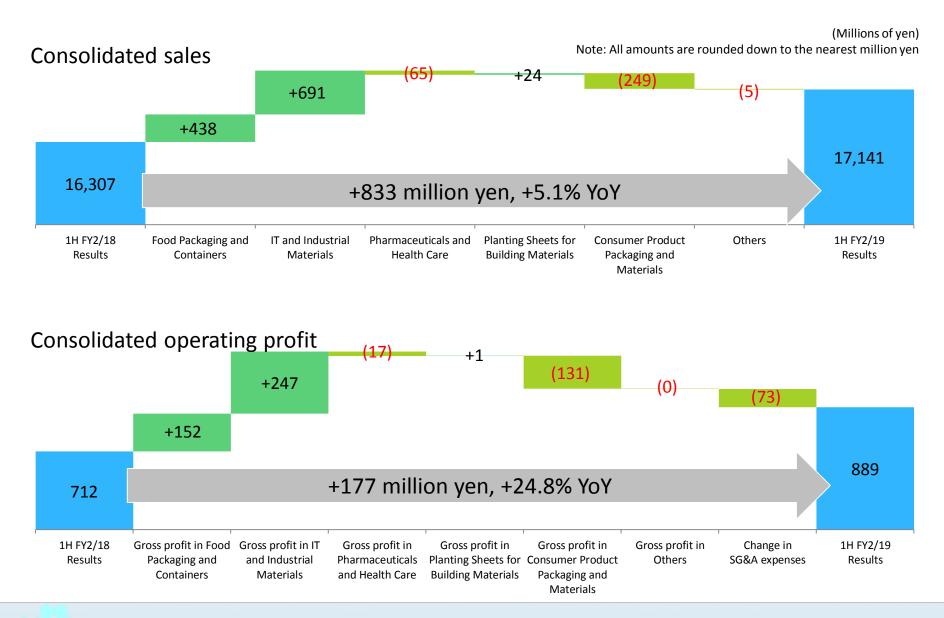
			1H FY2/19				
	1H FY2/18 Results	Results	YoY cl	nange	Plan	Vs. plan	
			Amount	%		Amount	%
Net sales	16,307 (100.0%)	17,141 (100.0%)	+833	+5.1%	16,600 (100.0%)	+541	+3.3%
Gross profit	2,480 (15.2%)	2,731 (15.9%)	+250	+10.1%	2,550 (15.4%)	+181	+7.1%
Selling, general and administrative expenses	1,767 (10.8%)	1,841 (10.7%)	+73	+4.2%	1,830 (11.0%)	+11	+0.6%
Operating profit	712 (4.4%)	889 (5.2%)	+177	+24.8%	720 (4.3%)	+169	+23.6%
Ordinary profit	816 (5.0%)	922 (5.4%)	+106	+13.0%	780 (4.7%)	+142	+18.3%
Profit attributable to owners of parent	522 (3.2%)	602 (3.5%)	+79	+15.2%	480 (2.9%)	+122	+25.5%
R&D expenses	37 (0.2%)	37 (0.2%)	(0)	(1.8)%	37 (0.2%)	(0)	(1.6)%
Capital expenditures*	871 (5.3%)	318 (1.9%)	(553)	(63.5)%	996 (6.0%)	(678)	(68.1)%
Depreciation	453 (2.8%)	425 (2.5%)	(27)	(6.1)%	447 (2.7%)	(21)	(4.8)%

* Construction in progress is not included in capital expenditures.

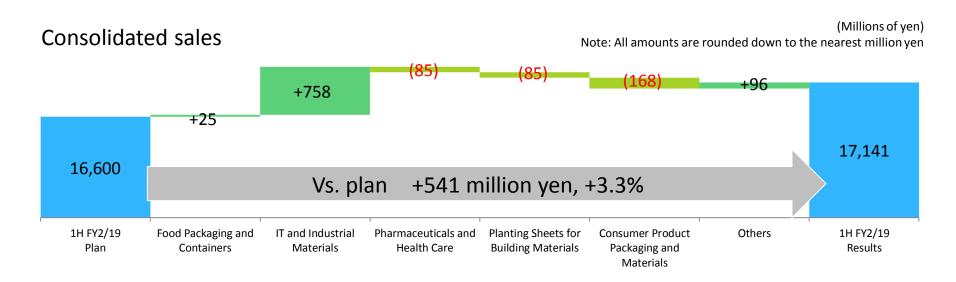
Note: Exchange rate for 1H FY2/19: 16.69 yen/yuan

Change in Net Sales and Operating Profit (YoY)

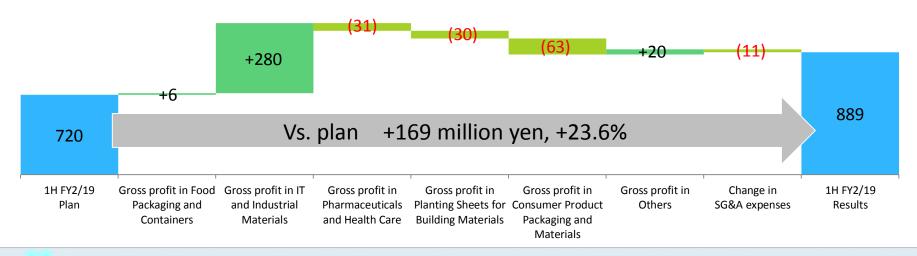




Change in Net Sales and Operating Profit (Vs. Plan) NAKAMOTO PACKS CO., LTD.



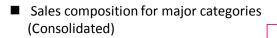
Consolidated operating profit

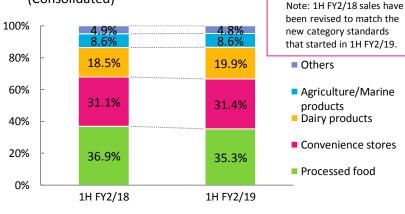


Applications – Food Packaging and Containers 🕲 NAKAMOTO PACKS CO., LTD.



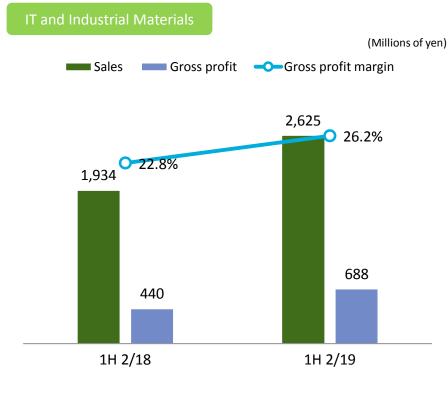
Sales in major product categories				
Processed food	 Strong sales for take-out food packaging, containers for Japanese sweets and all other processed food categories 			
Convenience stores	 Orders for items for pasta and prepared food remained firm 			
Dairy products	 Firm sales for yogurt and cheese packaging 			
Agriculture/ Marine products	 Received orders as planned for packaging for tomatoes, kiwis and other agricultural products 			

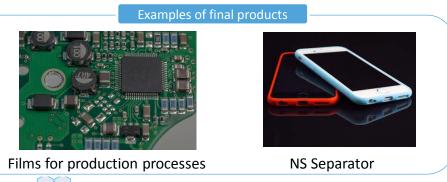




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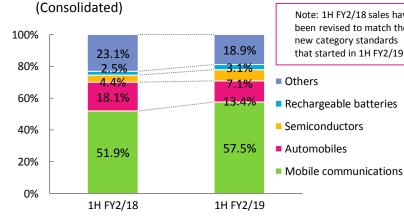
Applications – IT and Industrial Materials





Sales in major product categories				
Mobile communications	 Big increase in sales due to a large order Strong sales of light blocking film printing 			
Automobiles	 Orders for current products are consistently firm 			
Semiconductors	 Firm orders for films used in electronic component production processes 			
Rechargeable batteries	• Brief upturn in sales due to one-time orders			
Others	 No change in sales of electricity conductivity processes, electric wire covering film, industrial tape and other products 			

Salas in major product sategories



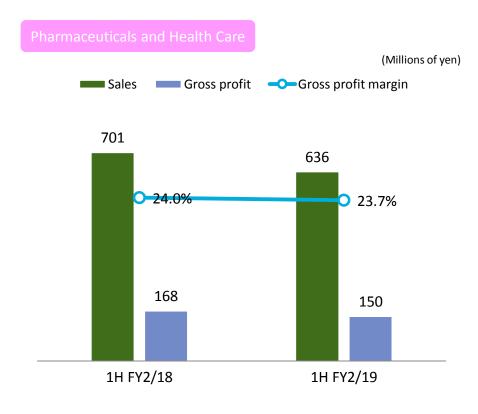
Sales composition for major categories

Note: 1H FY2/18 sales have been revised to match the new category standards that started in 1H FY2/19.

- Rechargeable batteries
- Semiconductors

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Examples of final products

Bandage

CITCH BERNELLER STATES

豊都に1日1四(

経皮吸収型鎮痛·抗炎症剤

External bag for

transdermal patch

(APED)

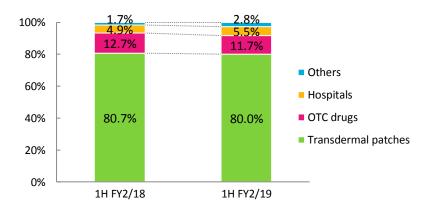
外用藥

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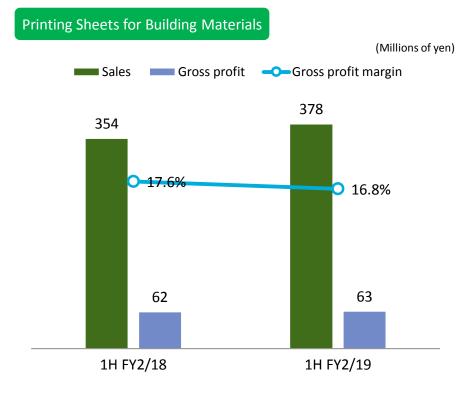
Sales in major product categories				
Transdermal patches	 Sales higher for separation film for generic drug transdermal patches Strength in the generic drug category held down sales of separation film for brand-name drugs 			
OTC drugs	 Sales of packaging for OTC drugs decreased 			
Hospitals	 Small sales increase mainly for packaging for hospital supplies 			

■ Sales composition for major categories (Consolidated)





Anesthesia tape





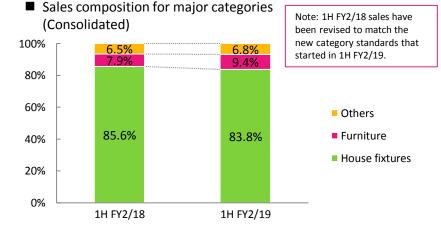
Sales in major product categories

House fixtures	 For wallpaper and kitchen products, strong sales of decorative sheets and of decorative films using Nakamoto Packs' N coat synthetic paper Slow sales of products used in Japanese-style rooms, such as for sliding partitions and shoji paper
Furniture	 Received new orders for materials used in furniture for the catalog/e-commerce market Sales (exports) of materials for overseas furniture rebounded following a downturn

N coat

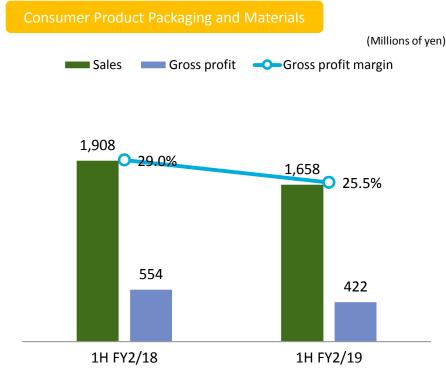
N coat is a polypropylene-based synthetic paper. Due to its excellent resistance to water, N coat is used primarily for vending machine labels and floor materials.





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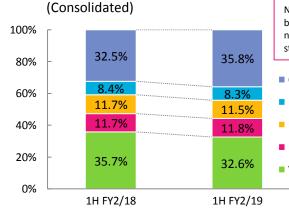
Applications – Consumer Product Packaging and Materials 🛞 NAKAMOTO PACKS CO., LTD.



Vacuum storage	 Sales down as some customers reduced
bags	inventories due to revised inventory policies
Hair and beauty care	 Steady sales of materials for hair dyeing process (combs, gloves)
Kitchen/home	 Sales down because most kitchen material sales
cleaning	are lower-priced products
Home	 No change in sales as a period of strong mosaic
improvement	tile sales has ended
Others	 Firm sales of label film for a variety of consumer products No change in sales of seasonal products

Sales in major product categories





■ Sales composition for major categories

Note: 1H FY2/18 sales have been revised to match the new category standards that started in 1H FY2/19.



Home improvement

- Kitchen/home cleaning
- Hair and beauty care
- Vacuum storage bags

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Assets and Liabilities

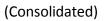
(Consolidated)

(Millions of yen; (% to total liabilities and net assets))

			As of Aug. 31, 2018		ıg. 31, 2018
		As of Feb. 28, 2018		YoY change	Major factors
Cu	rrent assets	14,154 (54.6%)	14,113 (53.4%)	(41)	Cash and deposits (452) Electronically recorded monetary claims- operating +321 Inventories +48
No	on-current assets	11,781 (45.4%)	12,299 (46.6%)	+518	Property, plant and equipment +546
Total	assets	25,935 (100.0%)	26,412 (100.0%)	+476	
Cu	rrent liabilities	11,664 (45.0%)	11,797 (44.7%)	+132	Electronically recorded obligations-operating (72) Income taxes payable +125 Provision for bonuses +68
-	on-current bilities	2,761 (10.6%)	2,830 (10.7%)	+69	Long-term loans payable +95
Total	liabilities	14,425 (55.6%)	14,627 (55.4%)	+202	
Total	net assets	11,509 (44.4%)	11,784 (44.6%)	+274	Retained earnings +377
Total liabilities and net assets		25,935 (100.0%)	26,412 (100.0%)	+476	
Net in debt	nterest-bearing	2,987 (11.5%)	3,576 (13.5%)	+588	Cash and deposits (452) Long-term loans payable +95

Net interest-bearing debt = Interest-bearing debt - Cash and deposits

Cash Flows



(Millions of yen)

		1H FY2/18		1H FY2/19
		Results	Results	Components
	Cash flows from operating activities	413	724	Profit before income taxes 919 Depreciation 425 Increase in notes and accounts receivable-trade (319) Income taxes paid (180)
	Cash flows from investing activities	(533)	(1,080)	Proceeds from sales of property, plant and equipment 12 Purchase of property, plant and equipment (1,052)
Fre	e cash flows	(119)	(355)	
Cash flows from financing activities		(223)	(75)	Proceeds from long-term loans payable 530 Net increase in short-term loans payable 60 Repayments of long-term loans payable (434) Cash dividends paid (225)
	ect of exchange rate change on cash and h equivalents	(13)	(20)	
Net increase (decrease) in cash and cash equivalents		(356)	(452)	
	sh and cash equivalents at beginning of iod	3,769	3,585	
Cas	sh and cash equivalents at end of period	3,412	3,132	





FY2/19 Outlook

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(Consolidated)

(Millions of yen; (% to sales))

		FY2/19			
	FY2/18 Results	Dian	YoY change		
		Plan	Amount	%	
Net sales	32,981 (100.0%)	34,500 (100.0%)	+1,518	+4.6%	
Gross profit	4,904 (14.9%)	5,300 (15.4%)	+395	+8.1%	
Selling, general and administrative expenses	3,573 (10.8%)	3,800 (11.0%)	+226	+6.4%	
Operating profit	1,331 (4.0%)	1,500 (4.3%)	+168	+12.6%	
Ordinary profit	1,486 (4.5%)	1,600 (4.6%)	+113	+7.6%	
Profit attributable to owners of parent	981 (3.0%)	1,000 (2.9%)	+18	+1.9%	

Projected exchange rate: 16.5 yen/yuan

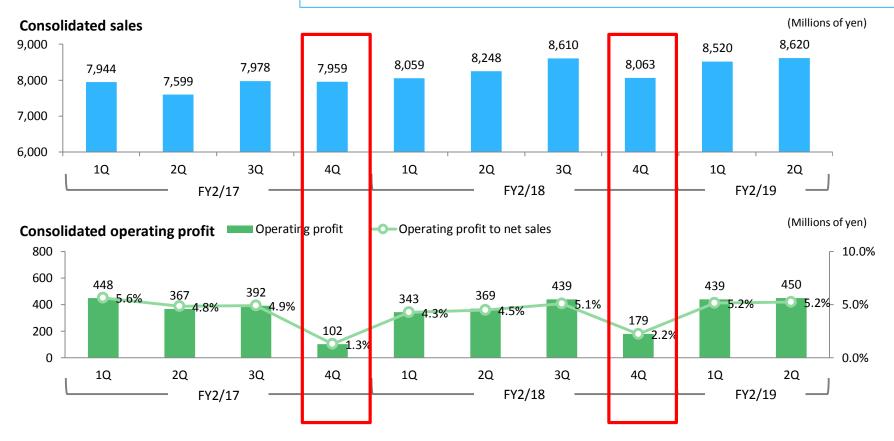
FY2/19 Outlook

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Quarterly sales and operating profit

- The second half target will be difficult because a large IT and Industrial Materials order expected for the second half was received in the first half
- Anticipate higher expenses for raw materials, fuel, logistics and other items
- No FY2/19 contribution from the new Cangzhou Plant due to delays in starting operations

• Sales and earnings are unlikely to exceed the plan because sales and earnings are normally down in the fourth quarter of every fiscal year



Plan for Capital Expenditures and Depreciation Expenses

(Consolidated)

(Millions of yen; (% to sales))

		FY2/19			
	FY2/18 Results	Dlan	YoY change		
		Plan	Amount	%	
Capital expenditures	1,156 (3.5%)	2,450 (7.1%)	+1,294	+112.0%	
Depreciation	940 (2.9%)	968 (2.8%)	+28	+3.0%	
R&D expenses	76 (0.2%)	80 (0.2%)	+3	+4.8%	

Major capital expenditures in FY2/19

Company/plant	Description	Investment (Millions of yen) (Amounts paid)
Japan		
Saitama Plant III	Land, buildings, equipment and machinery (clean coater, etc.)	About 1,200
Nabari Plant Saitama Plant Printing plate factory	Equipment and machinery (small-diameter gravure, automatic register control system, etc.) Environmental systems (solar power and others) Replacement of production machinery (plate engraving machine)	About 500
Nakamoto Inshokan Co., Ltd.	New production machinery (spray coating machine), office	About 150
China		
Cangzhou Nakamoto Huaxiang New Materials Co., Ltd.	Land, buildings and associated construction work	About 350

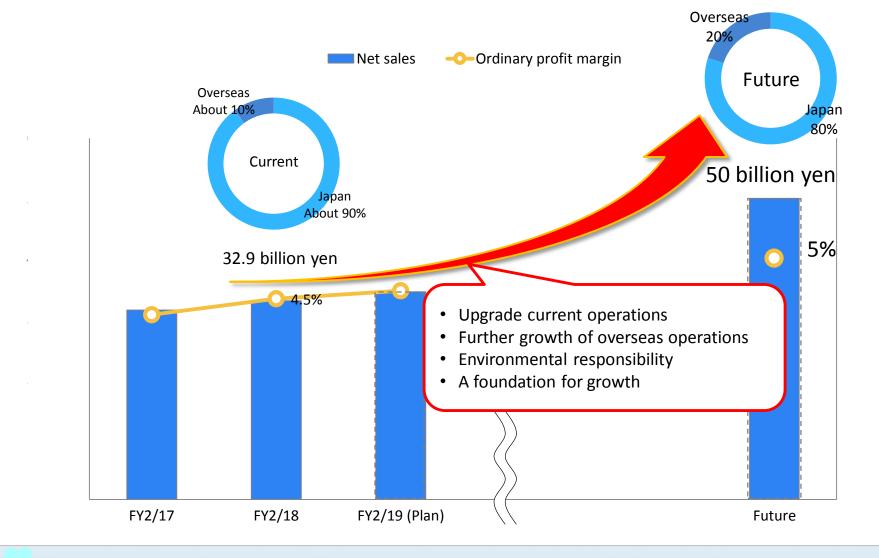




The Nakamoto Packs Medium and Long-term Vision

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The goals are sales of 50 billion yen and an ordinary profit margin of 5%



1

Reinforce current operations



- Strengthen activities in the convenience store sector
- Make the functional materials business stronger

(Quickly start production at Saitama Plant III)

- Stabilize the operations of subsidiaries in Japan
- Use the International Business Office to stabilize the operations of overseas subsidiaries and improve their financial soundness
- Maintain proper levels of inventories and reduce inventory losses

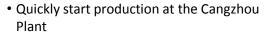
3

Environmental responsibility

- Increase sales of N brand (PET) products (uses a single material and is thinner, lighter and stronger)
- Research to create food packaging that may extend shelf life
- Strengthen the recycling business
- More R&D expenditures
- More R&D personnel and faster pace of R&D programs

2

Further growth of overseas operations



- Build factories in countries other than China (China plus one and tariff measures)
- Recruit and fully utilize people in other countries
- Use the International Business Office to provide strong support for overseas operations

4

A foundation for growth



- Relocate Corporate Planning Office to Tokyo to start new businesses faster and speed up M&A decisions
- Replace the primary IT system to speed up decision-making and improve manufacturing efficiency (by the end of 2021)
- Make IT investments for the use of IoT technology in manufacturing
- Recruit and train people for global business operations

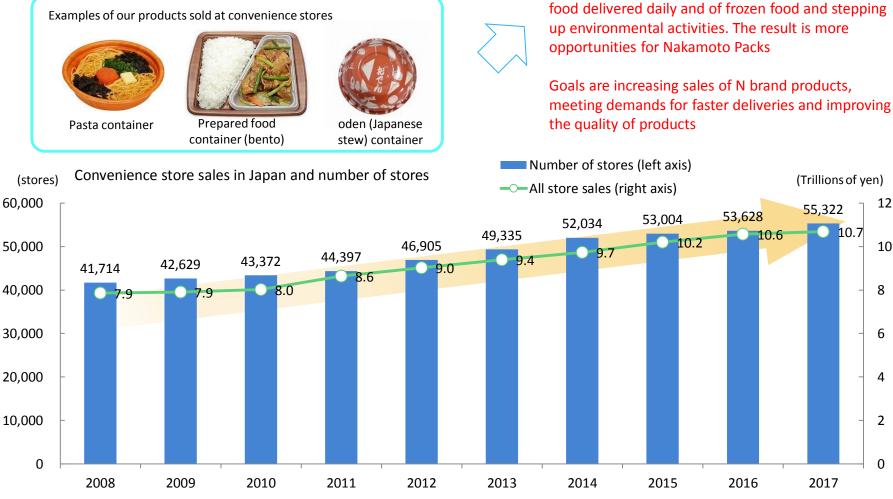


Reinforce Current Operations

Reinforce Current Operations (1)

Strengthen Activities in the Convenience Store Sector

Use faster deliveries and higher quality for success in the steadily growing convenience store market
Convenience store market



Source: Statistical Survey of Convenience Stores, Japan Franchise Association

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Reinforce Current Operations (2)

Make the Functional Materials Business Stronger



Complete construction of Saitama Plant III and installation of machinery Operation scheduled to begin in December with full-scale operations to begin in March 2019



Recent photograph of the plant

Reasons for construction of the third plant

Increase processing capacity because the volume of actual and potential orders is more than current capacity

→Saitama Plant III will boost processing capacity by 30%

The new plant will be used to build on expertise involving ultra-clean production environments to receive more orders for next-generation projects

 \rightarrow Make the functional materials business more competitive



Further Growth of Overseas Operations

Further Growth of Overseas Operations (1)

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Construction of the Cangzhou Plant (Cangzhou Nakamoto Huaxiang New Materials Co., Ltd.)





Photos as of April 2018

Photos as of September 2018

The exteriors of the administrative and factory buildings are complete. Interior work and the installation of machinery have been pushed back from the end of September to December because regulatory approvals are taking more time than expected.

→Plan to receive regulatory approvals quickly in order to install machinery and start operations as soon as possible

Further Growth of Overseas Operations (2)



The automotive interior materials business **Materials** Exports Nakamoto Packs USA (Warehouses) Clients

U.S. tariff increases for imports from China July 6, 2018 – Tariffs on imports from China of about \$34 billion 25% tariff on 818 items August 23, 2018 – Tariffs on imports from China of about \$16 billion 25% tariff on 333 items September 24, 2018 – Tariffs on imports from China 3 of about \$200 billion 10% tariff on 5,745 items January 2019 – Higher tariff on an additional \$200 billion of imports planned Tariff to rise from 10% to 25% in three product categories Reference: U.S. imports from China were \$505.5 billion in 2017 The third stage of U.S. tariff hikes will result in tariffs on almost all Nakamoto Packs products made in China. However, the higher tariffs will not have a significant impact on results of operations at this time.

China Plus One

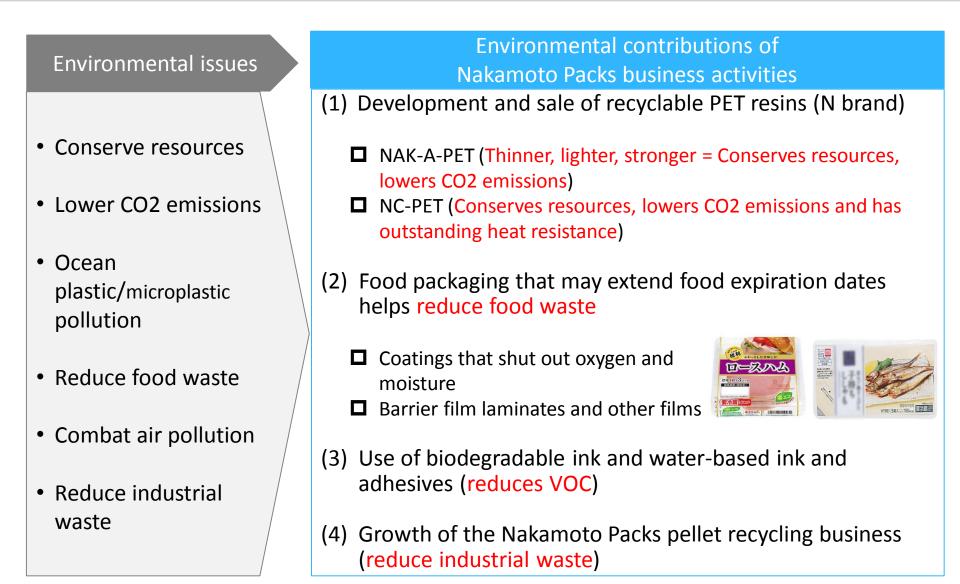
Nakamoto Packs has started considering the construction of overseas factories in countries other than China and other measures for reducing vulnerability to risk factors involving China.



Environmental Responsibility

Environmental Responsibility





Material Development Technology (Internally Developed N Brand Products)



 Development of PET products with distinctive characteristics by using PET modification technologies

The goal is to develop products that are thinner, stronger and more environmentally responsible

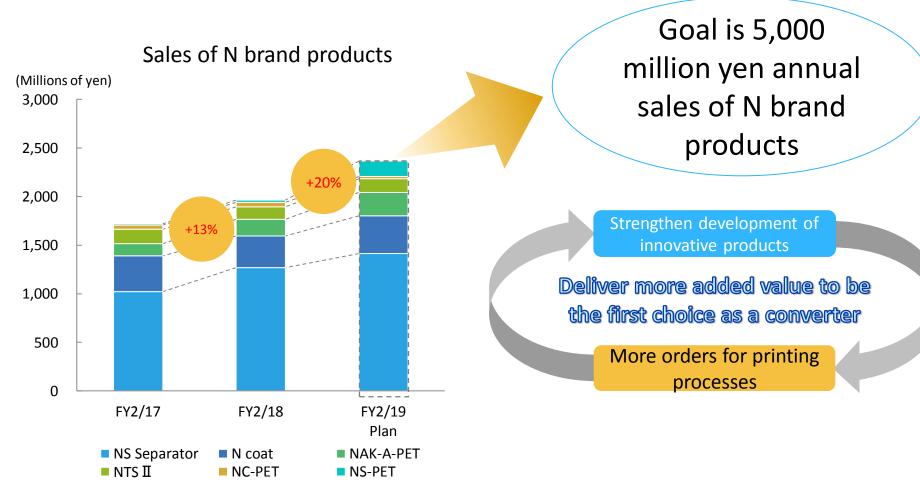
NAK-A-PET			
Features	 Thinner products (trays, etc.) due to high rigidity; conserves resources and reduces cost More heat resistant than conventional A-PET (70°C to 100°C) 		
	(3) Recyclable material; designed for reduced environmental impact, food hygiene requirements and other characteristics	Confectionery product tray	Dry noodle tray
Applications	Trays mainly for confectionery products and agricultural products		
NC-PET			

Features	(1) Outstanding heat resistance (220°C, if molded as needed)	
	(2) Outstanding resistance to cold, retention of aromas and rigidity	
Applications	Containers mainly for baked food items like gratin dishes and in-flight meals	



NS-PET		Conventional packaging	NS-PET packaging
Features	(1) Heat sealing possible even with PET film	Contemport	
	(2) Retains aromas, creating a barrier for coffee and other items with a strong fragrance		
	(3) Microwave-safe due to heat resistance	1,000W X 2.5 min Reheating melts the	1,000W X 2.5 min Reheating does not does not
Applications	Take-out bags mainly for deep-fried food items	Interior: 140°C	Interior: 140°C

Increase environmental responsibility stature in the packaging industry by raising sales of N brand products





A Foundation For Growth

- Tokyo relocation of the Corporate Planning Office, which is responsible for new businesses and M&A
- Plan to replace the primary IT system with work starting by the end of 2018

 \bigstar New roles of the Corporate Planning Office

Until Aug. 2018

- Budget management
- Internal meetings/conferences
- Investor relations (traveling to Tokyo)

- Relocate to Tokyo, Japan's center of information and human resources
- Increase the number of people with specialized skills and knowledge

Starting in Sep. 2018

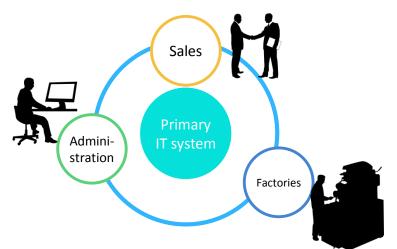
- Budget management
- Internal meetings/conferences
- Investor relations
- + Primary IT system update
- + Studies for launching new businesses
- +China plus one studies
- + Examinations of potential M&A deals

\bigstar Objectives of replacing the primary IT system

(Major elements of the IT system update (under consideration))

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- Faster management decisions by quickly monitoring all performance indicators
- Use of supply chain management for efficient manufacturing and suitable inventory levels
- More efficient sales activities by effectively utilizing data
- Improve efficiency of business processes by reexamining tasks performed on a regular basis
- Reinforce management of the Nakamoto Packs Group
- Use the IoT for higher efficiency and better quality

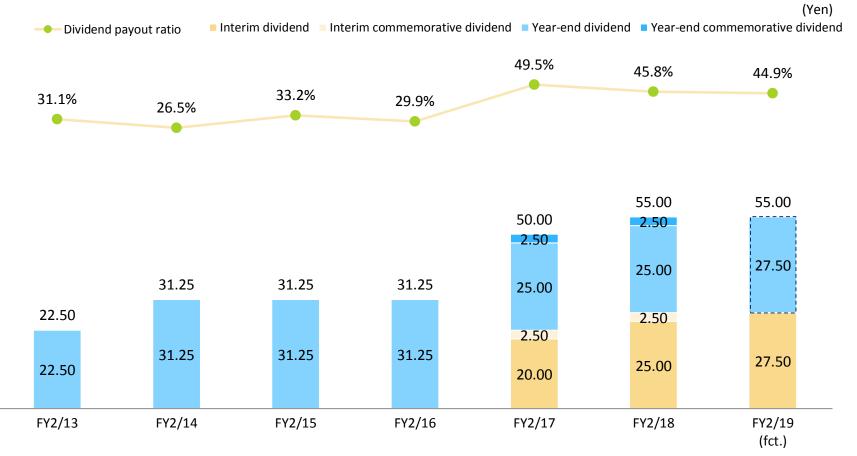


Aim for growth that goes beyond existing business operations

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Policy for Shareholder Distributions

- Maintain a stable dividend while retaining earnings as needed
- Plan to pay a FY2/19 dividend of 55 yen (first-half and year-end payments of 27.5 yen)



Note: There were stock splits of 1-to-200 in June 2015 and 1-to-2 in March 2018. The dividend per share in prior years has been adjusted to reflect these stock splits.





Reference

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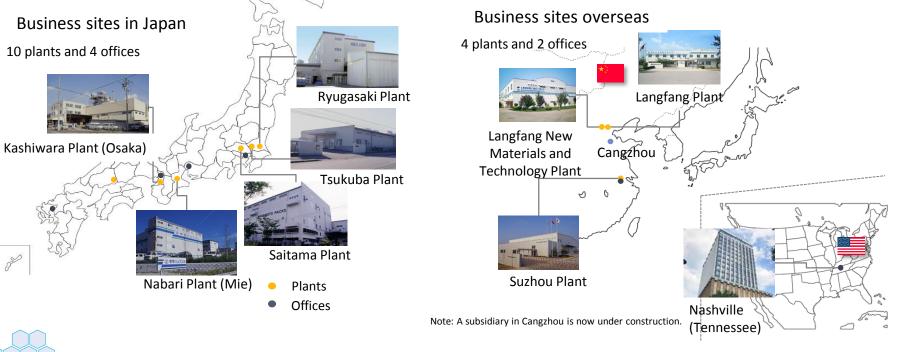
Company Overview

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Company name	NAKAMOTO PACKS CO.,LTD.	
Listing/code	TSE 1st Section/7811	
Location	2-8, Karahori-cho, Tennoji-ku, Osaka	
Representative	Takashi Nakamoto, Chairman Jun Kawata, President	

Established	1950 (Funded in 1941)	
Capital	1,057 million yen (As of Feb 28, 2018)	
Number of employees	848 (Consolidated; as of Feb 28, 2018)	
Group companies	13 consolidated subsidiaries (7 domestic and 6 overseas) 1 equity-method affiliate	



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Our Business



Gravure printing

Direct printing using everything from ultra-thin film to thick sheets

End products

Coatings

Coatings for semiconductors, pharmaceuticals and other products made in an ultra-clean environment

Lamination

Lamination of a variety of materials for applications ranging from food to automobiles





Packaging for dairy products, confectionery, tofu, ham, sausage and many other food products

IT and Industrial Materials



PC and smartphones



Automotive interior materials

Pharmaceuticals and Health Care



Pharmaceutical exterior packaging and individual packaging Separation films for compresses and other items

Printing Sheets for Building Materials



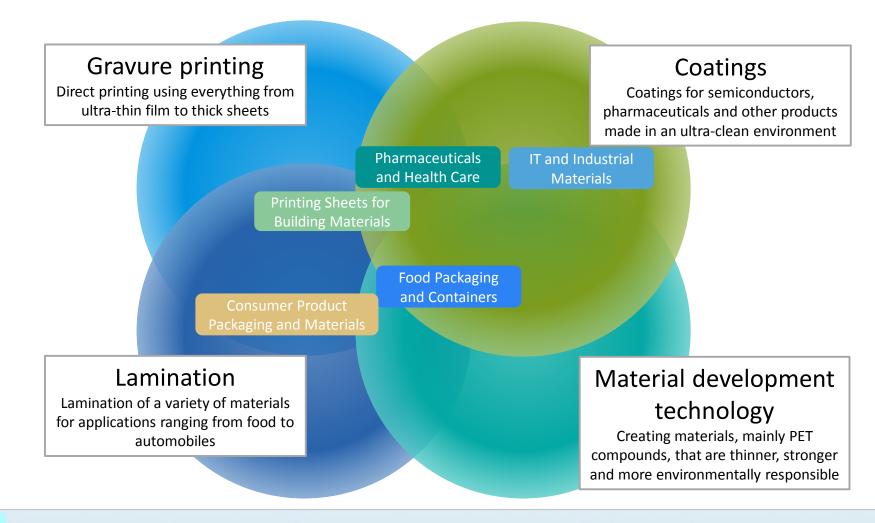
Paper products for furniture, sliding partitions and wallpaper **Consumer Product Packaging**



Futon vacuum storage bags and other consumer products

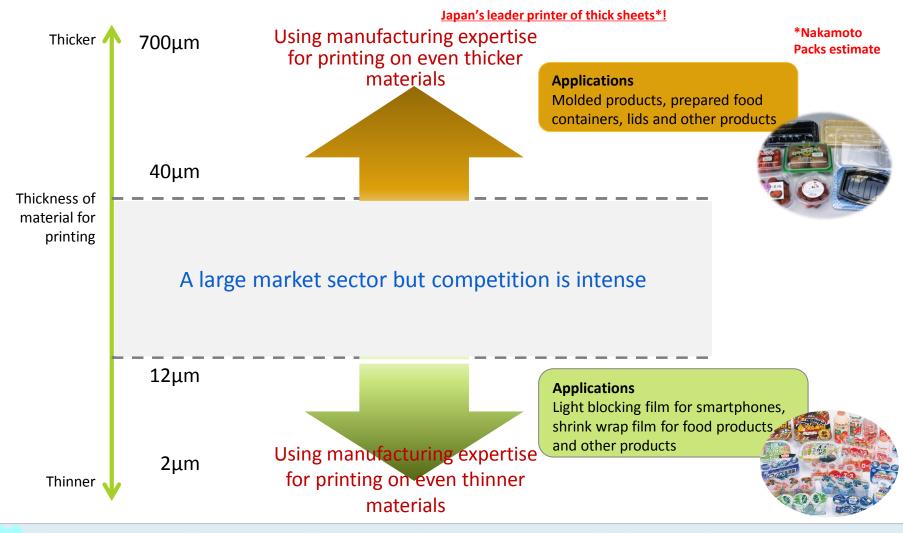
Four Core Technologies

Four core technologies make it possible to cover a broad spectrum of applications

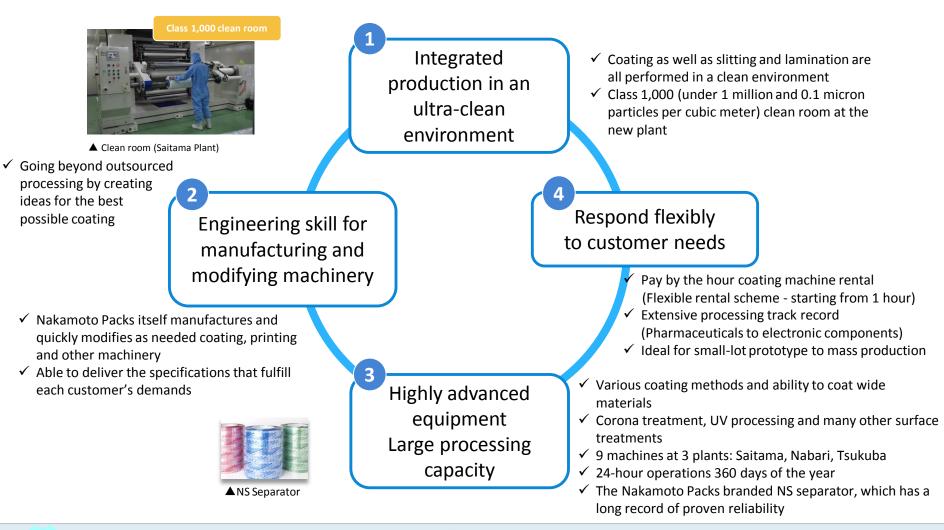


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Refining technologies to become stronger in thickness categories where there are few competitors



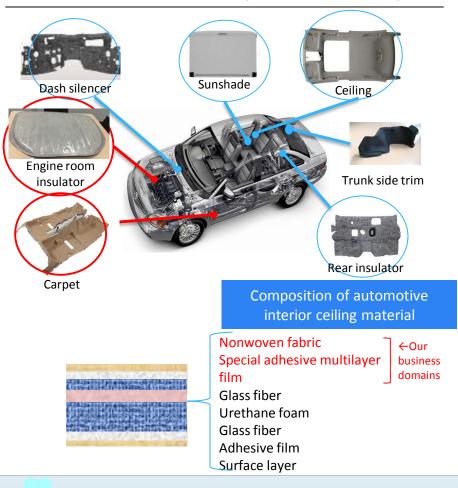
A framework capable of meeting a broad range of customer demands with speed and flexibility



Lamination Technology

 Able to meet the demands of many applications by using dry lamination, thermal lamination and extrusion lamination technologies

Automobile interior materials (Thermal lamination)



NS-PET (Extrusion lamination)



Extrusion lamination machine (Ryugasaki Plant II)

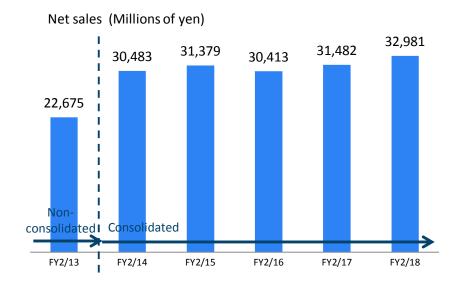
Use	Exclusively for production of NS-PET, a material developed by Nakamoto Packs
Output capacity	300 tons/month
Sales target	1.2 billion yen/year
Target applications	 Packaging for convenience store deep-fried food items Microwave-safe containers and other products

N Brand Products

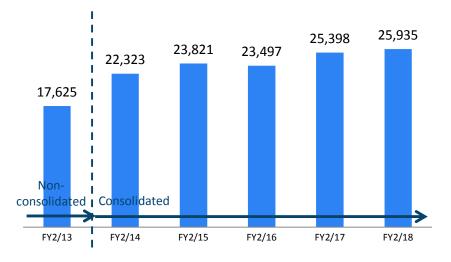


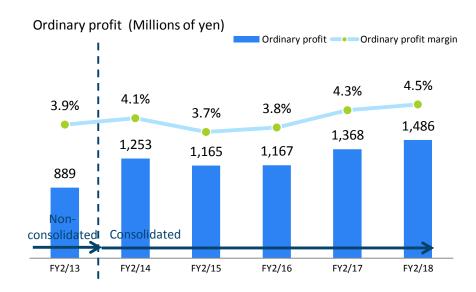
Brand name	Features	Applications	Finished products
NAK-A-PET (Polyester sheet with improved heat resistance)	 (1) Thinner to conserve resources (2) Microwave-safe (3) Recyclable material; designed for reduced environmental impact, food hygiene requirements and other characteristics 	 Lids for heat-resistant containers Food trays Electronic component trays 	
NC-PET (Polyester sheet with high resistance to heat and cold)	 (1) Suitable for food prepared at high temperatures (2) Resistant to cold (3) High rigidity reduces weight 	 Food containers heated with no cover (gratin items, etc.) Containers for food sterilized at high temperatures 	
NS-PET (Polyester film with thermal adhesion)	(1) Excellent heat sealing properties(2) Retains coffee and other aromas(3) Resistant to chemicals and oils	 Bags for take-out food (especially deep-fried items) Bags for coffee, tea and other beverages 	
NTS II (Moldable high-gloss polypropylene film)	 (1) Produces containers with a glossy surface (2) High rigidity reduces necessary thickness of film (3) Heat resistant 	Food containers	
NS Separator (Polyester separation film)	(1) Produced in a clean environment(2) Can be designed with specific peel adhesions	 Production of smartphones, LCDs and other items Separation film for transdermal patches 	
N coat (Polypropylene synthesized paper)	(1) Water resistant(2) Brilliant white and glossy finish(3) Outstanding smoothness and strength	Beverage bottle labelsWallpaper	

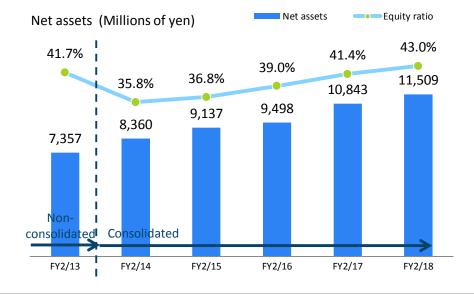
Trends and Results 1/2



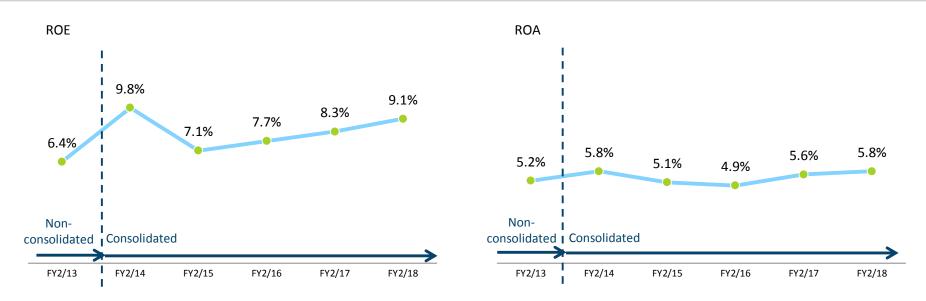
Total assets (Millions of yen)



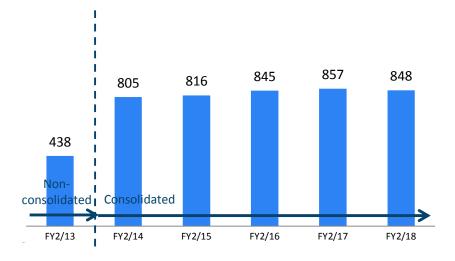




Trends and Results 2/2

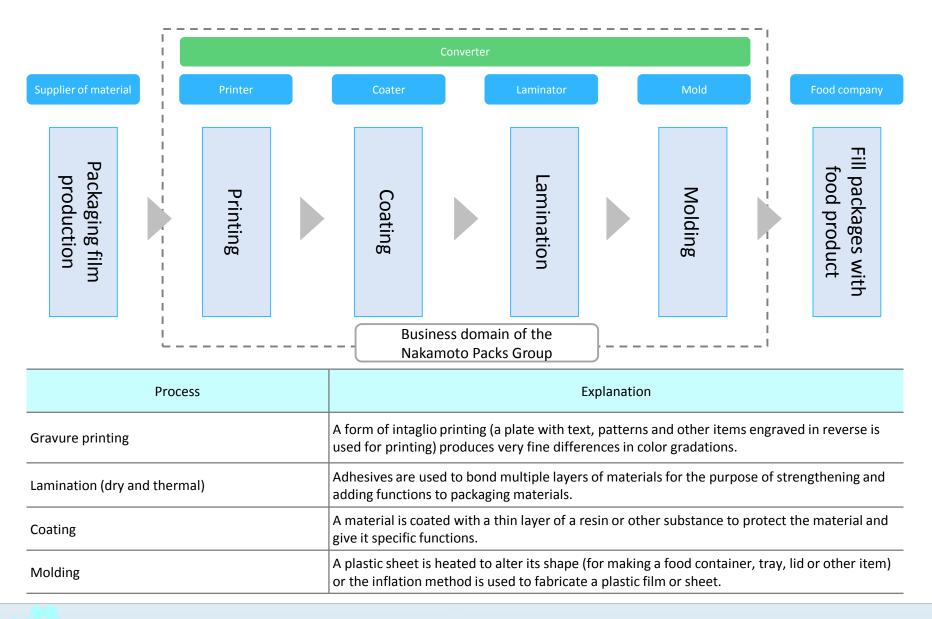


Number of employees (person)



Packaging Material Printing Process (Example)





Dedicated to being a company that is kind to people and the environment -Clean & Safety-

The Nakamoto Packs Motto

Our business depends on people. People depend on their hearts. An enjoyable company is the sum of diligence, dedication to serving others, and people.

Our Code of Conduct

Use sincerity to earn even greater trust Use perseverance to create innovative ideas Always improve yourself and cooperate with others Contribute to society through the spirit of co-existence and mutual prosperity Be dedicated to improving technologies and overcoming challenges Make good behavior and the spirit of gratitude a source of happiness

Our Six Missions

We will listen with open minds to what our customers say

We will constantly acquire new technologies for printing, packaging and containers

We will maintain close internal and external lines of communication and deliver goods and services on time with speed and in good faith

We will be responsible for maintaining co-existence and mutual prosperity with our customers

We will attract more dedicated fans of our group by using work and systems that generate strong impressions

We will make the Nakamoto Packs Group an organization guided by the same destiny



Precautions

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