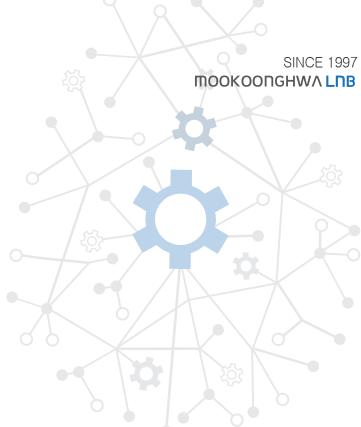
MOOKOONGHWA LNB SINCE 1997

A Company Specializing in Developing Special Labels in Korea

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A Company Specializing in Developing Special Labels in Korea



A Company Specializing in Developing Special Labels in Korea

MOOKOONGHWA LNB

Company Information

Company name	Mookoonghwa LNB Co. Ltd.		
Address	Factory 1: 11, Baekseokgongdan-4-gil, Seobuk-gu, Cheonan-si, Chungnam Asan factory: 278-1, Sandong-ro, Eumbong-myeon, Asan-si, Chungnam		
Established on	December 1, 1997		
Representative Phone Number	+82-41-576-1081		
C.E.O	Seol Jin Young		
Business Type	Manufacturing Industry / Other Printing-Related Industry		
Homepage	www.mkhsticker.com		
E-mail	mookoong@mksticker.com		
Company Size	Factory 1 - Land: 2,900 m², floor space: 3,682 m² Factory 2 - Land: 700 m², floor space: 332 m²		
Financial Status	Capital: 550 Million Won		
Major Products	General sticker, Manual Pack (Attaching-Type Instructions), Booklet Label, Dual Label, Korean Paper Product Label, Security Sticker, Sealing Sticker, Industrial Sticker		

VISION



We will be the

Morld'NO.1 in the Special Sticker Area.

Core value



2 | Talented Person Management 3 | Autonomous Management 4 | Market-Leading Management

MOOKOONGHWA LNB Company Information



Key products

Special Labels such as Manual Pack, Booklet Label, and Void Label



Customer

More than 250 manufacturers including pharmaceutical companies



Patents and Registration

5 Patents, 2 Design Registrations, and 2 Trademark Registrations



R&D

Enterprise-affiliated research recognition, Venture business confirmation, Quality management System certificate (ISO 9001, 14001), Designation of promising small and medium-sized Businesses, Designation of management innovation-type small and medium-sized businesses



Industry-Academe Collaboration

Partner of **KOMSCO** Korea Minting Printing Corp

Partner of conglomerate companies (Samsung, Hyundai Heavy Industries, Hynix, etc.) Industry-academe exchange agreement company of Sunmoon University

Mission



Creed

- 01 We challenge ourselves to become a global leading company through Constant Changes
 es
 and
 Innovation.
- 02 We contribute to the development of the World' Printing Industry Culture through continual Technology development.
- 03 We contribute to the country by Fostering Competent Persons and Contributing to Public Welfare.
- 04 We contribute to the Development of all industries by Researching and Developing spe-

● 02 I www.mkhsticker.com

1997

Founded in Seongjeong-dong, Chonan-si on December 1.

Registered transactions with Samsung LCD.

2004

Acquired a UL certificate.

03 Acquired a quality management system certificate [KS Q 9001] An environment management system certificate [KS Q 14001]

02 Acquired Samsung Electronics Eco-partner certification

- 03 Relocated the factory to the expanded area (678-12, Seongjeong-dong, Seobuk-gu, Cheonan-si) Increased the high-speed rotary printer
- 09 Acquired Samsung SDI S-partner certification

An environment management system certificate [KS Q 14001:2004] beginner companies (EQ Fieza)

On Participated in the Korea International Process

- 2013 03 Introduced a special folding machine exclusive for the manual pack (made in Germany)
- 04 Introduced the fourth high-speed automatic label printer
- 05 Registered two manual pack trademarks (May 14)
- Participated in the Korea International Process & Packaging Exhibition Korea Pack 2013 (May 28 ~ 31)
- Introduced a dual-tone perfecting machine / Certified as a venture business
- 07 Participated in the Chungnam export consultation fair in the first half of the year
- 08 Registered the manual pack design
- 10 Participated in the free national flag distribution event in commemoration of Dokdo Day (Independence Hall, October 26)
- 11 Registered a patent on the manual pack Newly established the affiliated research institute

- 02 Registered a patent on the manual pack (roll type)
- 03 Distributed national flags free of charge at the Independence Hall on Independence Movement Day (March 1)
- 12 Acquired a quality management system certificate [KS Q 9001:2009] 04 Implemented a competence-strengthening support project for export

Introduced a digital high-speed label printer - variable printer

& Packaging Exhibition Korea Pack 2014 (June 10 ~ 13)



- 06 Completed the development of the Booklet Label Produced and delivered to 10 pharmaceutical companies
- 10 Participated in Messe Nagoya Exhibition in Japan (submitted booklet/dual label and sealing / security sticker for exhibition)

- 02 Awarded by the superintendent of Cheonan Tax Office (exemplary taxpayes award on the 45th Taxpayers ay)
- 04 Certified as a management innovation-type company (MAIN-BIZ) by the Small and Medium Business Administration 05 Renewed its venture business certificate
- 10 Registered a patent on multiple-side sticker and its Manufacturing method

2012

- 03 Renamed Mookoonghwa LNB and incorporated
- 05 Received an excellence award for the corporate part, Korea Star Award
- (president'award given by the Korea Packing Technology Association) 07 Selected as a promising small and medium-sized business in Chunacheonanam-do
- 08 Registered a patent on the manual pack
- 09 Relocated (expansion) to 988, Seongjeong-dong, Seobuk-gu, 07 Participated in the PROPAK China exhibition in Shanghai, China Cheonan-si. Chungnam

무궁화LNB

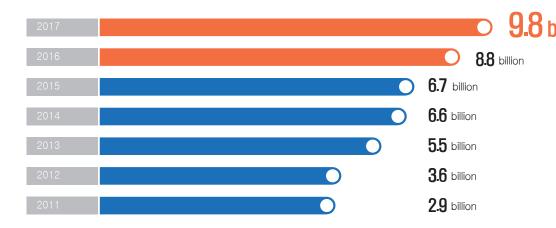
2015

- 04 Started extension work for the Mookoonghwa LNB office building
- 06 Introduced the sixth manual pack folding machine Introduced a roll silk printer (World Tech)

- 04 Introduced the second high-speed digital printer
- 10 Received an exemplary employee award at the 12th Cheonan City Entrepreneur Competition Received an excellent entrepreneur award in the 23rd Chungnam Entrepreneur Awards

- 04 Participated in the INNOPAK exhibition in Tokyo, Japan
- 11 Participated in the SWOP packing exhibition in Shanghai, China Relocated (expansion) to its current address
- (11, Baekseokgongdan-4-gil, Seobuk-gu, Cheonan-si, Chungnam)

Sales Performance



Patent and Certification



Manual Pack - Design License

Manual Pack Trademark Registration

Double Label - Patent CertificateBooklet Label - Design License

SINCE 1997

• 04 I www.mkhsticker.com MOOKOONGHW∧ LNB | 05 • Product information Manual pack Booklet label



Design Registration Number 10-1366826, 30-0707050 International patent PCT/KR2014/003120 What are manual pack-attaching instructions?

Adhesion-treated instructions that can automatically be attached to the top or side of a container.

Characteristics of the manual pack World' first patent registration

- Can be attached to the top or side of a container using automated equipment
- No rubber bending work needed after folding the instructions
- Simplified instruction input process
- Preventing release during transport by applying adhesion treatment
- The front and rear can be checked for poor printing
- Productivity enhancement
- Suitable for a pharmaceutical company with small-quantity batch production
- Moderately priced automatic attaching equipment

Do you input Instructions Separately? A booklet Label is the answer

Design Registration Number 30-0569740

What is a Booklet Label?

A trademark label produced in the form of a booklet including instructions.

Characteristics of the booklet label First development in Korea

- Productivity enhancement and cost saving - The booklet label can be applied to the existing label attaching system
- No concern about the loss and easy to keep, since the instructions and label are combined
- Information on effects and matters that require attention can be provided immediately
- Reducing packing waste since the existing paper case for medicine and Medical supplies is not required
- Increasing product value with beautiful design when applying the booklet label
- Suitable for a pharmaceutical company with small-quantity batch production
- Design registered in the Korean Industrial Property Office
- Received the president's award from the Korea Packing Technology Association during the Korea Star Awards (excellence award)

Automatic manual pack Attaching machine

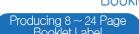


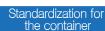






Photo of Making the Booklet Label















$\mathbf{03}$ Use and effects of the manual pack

- To make instruction input and bending process Convenient and easy
- To pack containers for small-quantity batch production At a moderate price

Effects

Reducing input materials | Container and manual pack Reduced investment | Releasing an internally developed Automatic Labeler exclusively for the Manual pack

Simplifying the process procedure | Using the automatic labeler Exclusively for the manual pack

Quality improvement effect | Efficient quality control by simplifying the process procedure

14 Manual pack specification

35 x 35mm / 40 x 40mm

Up to 12 folding screen sides

>> 35 x 35mm

Screen Cross		6	7		
5	170x175	170x210	170x245	170x280	170x315
6	205x175	205x210	205x245	205x280	205x315

>> 40 x 40mm

Folding Screen Cross					
5	195x200	195x240	195x280	195x320	195x360
6	235x200	235×240	205x280	205x320	205x360

10,000ea

03 Expected Effects

- Eco-friendly packing effect | Reducing packing waste generation
- Cost saving - Reducing production time
- Standardized production is possible

14 Booklet Label Specification

Container	Specification	Page	MOQ	Production period
30ml, 50ml Booklet Label	130 x 26 mm 127 x 29 mm		10,000ea	
100ml Booklet Label	130 x 40 mm	8page	10,000ea	5Day
150ml Booklet Label	130 x 47 mm	~ 24page	10,000ea	332,
250ml Booklet Label	130 x 60 mm		10,000ea	
500ml Booklet Label	162 x 70 mm		10,000ea	

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Dual label



What if a lot of Contents need to Be displayed on a limited space? Dual Label!

Patent Registration 10-1091602

1 What is a Dual Label?

Since a label is produced in two layers, 2- or 3-sided printing is possible, and more information can be displayed on a limited space.

Characteristics of a Dual Label

- Equipped with a fixed adhesive part that is not completely separated
- Easy-to-separate handle
- Special adhesive that can be attached/detached semi-permanently is applied
- Non-adhesive part modification that can easily be reattached
- Since the top paper is not thick, the label is not opened when reattaching after a long period of time
- Only the label can be replaced for the existing labeler without additional equipment
- Currently used by 20 large pharmaceutical companies in Korea



Information leak Prevention! Security Label!

What is a security label?

A specially treated label to prevent information leak (e.g., product information and manufacturing process) by attaching to the I/O device such as mobile phone and laptop at Enterprises or



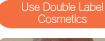
12 Characteristics of a Security Label

- When the sticker is removed, the VOID OPEN pattern appears clearly to indicate removal clearly.
- When the sticker is removed, no adhesive or foreign object is left.
- No after-image is left even after being attached for a long period of time.
- Various sizes are supported according to the location of the attaching side.

Photo of Making the Double Label















- Cost Saving

Q4 Dual Label Specification

	Minimum Size	Maximum Size	MOQ	Production period
3 End Paper	30x30mm	250x210mm	10,000ea	5DAY
5 End Paper				

The Dual Label is mainly made of self-adhesive polypropylene. Note, however,

that other materials (silver mat PET, white PET, etc.) can also be used depending on the product characteristics.



Need to convey the image of a Safe product to Consumers? Use UL Label!

What is UL Label (Under writers caboratory)?

The UL label used for the process of the electronics company. The sticker was verified by a UL-certified agency, and it can give customers Assurance that products bearing it are safe products.

02 Characteristics of the UL Label

- The UL Certified Label is made of a silver mat PET sticker and is not easily torn. It is also strong against temperature and humidity. As such, this label is used in industries that require the label to be durable (fluorescent light manufacturer, electronics and electricity company, export trading company, etc.)

- The UL-certified label can only be printed by a printing company that acquired both label certification and UL mark printing certification.

We have acquired both certifications.

UL-certified labels and stickers are supplied to electricity and Electronics companies at home and abroad, and white PET and Silver mat PET products are certified. The product name Includes MK-04, MK-05, and MK-06.

Photo of Making The UL Label







• 08 I www.mkhsticker.com MOOKOONGHW∧LNB | 09 • Press reports



2017. 8. 15 Joong-Bu Maeil

"Mookoonghwa LNB is realizing joint growth with Korea Minting Printing Corp.

Mookoonghwa LNB also engages actively in the genuine product certification business by receiving forgery and alteration prevention technology from Korea Minting Printing Corp. The company is expanding its line of business by manufacturing and supr the bay salt bag, which certifies that the salt is produced in Korea, to the National Fishery Products Quality Management Service, packing bag plastic processing materials, and security label attached to parallel im



2015. 10. 21 Chungcheong Today

"Held the Cheonan City Entrepreneur Competition!! Received the management grand prize!'

Received the management grand prize at the 11th Cheonan City Entrepreneur Competition.

The company selected as an entrepreneur grand prize winner is advertised as an excellent company representing Cheonan City in accordance with the "Ordinance on treating the entrepreneur with respect and supporting enterprise activity."The entrepreneur grand prize of Cheonan City has been given since 2003 to create a climate of treating with respect entrepreneurs who contributed to the promotion of the local economy and encourage exemplary workers who contributed to labor-management cooperation and company development.



2011. 2. 11 Korea Economic Daily

Mookoonghwa LNB released a booklet label that combines sticker printing label and instructions... Applying an idea to the sticker"

Localized imported products such as dual label and security sticker. Applied for and registered 20 intellectual property cases. Delivered to many conglomerate companies like Samsung Electronics. Held an event of distributing national flag stickers out of patriotism. Plans to develop overseas markets with Korean paper labels.



2009. 8. 14 18:59 MBN News Broadcast

"Distributing 100,000 national flag stickers free of charge"

100,000 sheets of national flag stickers made of Korean paper were distributed in front of Daehanmun, Deoksugung free of charge, in commemoration of Liberation Day on August 15. The event was held by the Patriot Yun Bong-gil Memorial Association and Mookoonghwa LNB special label printing company. The national flag love performance will also be held, such as wearing the national flag T-shirt, waving the national flag, and attaching a national flag sticker to the face or belongings.

Major Customers PARTNER

Pharmaceutical Field (LG생명과학 ◈동성제약주식회사 응일양약품 ☆고오롱제약(주) (Roche) ② 삼천당제약(本) ● 고려제약주식회사 **ILDONG** Since 1941 Uyu 1 대한뉴팜(주) ₩ 중외제약 하나계약(구) SAMJIN 삼진제약(주) 🥙 인국약품 KUNWHA 근화제약주식회사 [₹]우리들제약(주) **D30UU**O 대원제약 ∰ 대웅바이오 Government Offices KOM-CO **Electronics Field** Ontinental CONTITECH



Honeywell **DOOW**









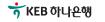


General Field









• 10 I www.mkhsticker.com MOOKOONGHW∧ LNB | 11 •