iPACK

Creative Thinking is
the best Technology

GLOBAL BUSINESS

Tube / Pump / Machine
TEL : +82-31-539-3571

Company Introduction

IPACK Creates new value with different technology.

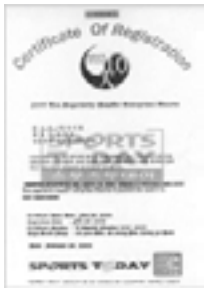
IPACK is creating new value of cosmetics packaging container by realizing that creative thinking makes new technology. Our creative idea is to develop and manufacture a tube production line that can optimize for small quantity production facility and more than 1,000 kinds of multi-layer PE tubes, AL tubes, and caps, can be produced with our own quality management system and it ensures consistency in product quality and productivity.

In addition, the scope of the pump engine for cosmetic which is being produced and supplied in automatic assembly line which was developed with our continuous investment strategy and technological innovation in the development department and mold department of the IPACK research center is gradually expanding its application scope. Our company has differentiated technology and has a competitive edge on pricing to meet customers needs.

IPACK will demonstrate our greatest strength to bring customers' thoughts to life. Our mission is to create an eco-friendly and unique design. It goes beyond the usual cosmetics and pharmaceutical packaging. Creation of new values is not only special but also the realization of sustainable management by looking back at the past, and by looking back at the past will create a path for innovation towards the future.

IPACK will continuously make an effort to achieve customer satisfaction through constant technological innovation leading to the best quality ahead of the rapidly changing cosmetics market.

IPACK Patent & Quality certification



Quality license

ISO15378 certificate
ISO9001 certificate
ISO14000 certificate

Patent and certification

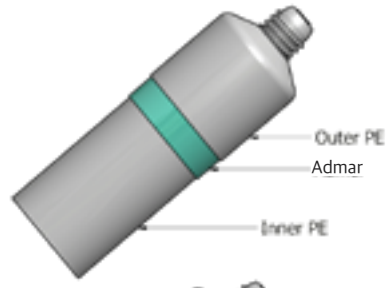
Brief History

2017.09.29	Completed of Office Building in Yongjeong-ri
2003.05.30	Completed of Office Building in Jinmok-ri
2002.11.22	Development and Launch of 2,6,7-poly foil(Coex Lami Tube) extruder
2002.01.20	Construction of Office Building in Jinmok-ri
2001.02.28	Merged Hyundae Machinery Industry and IPACK Co.Ltd....(IPACK Tube, IPACK Tech)
2000.08.20	Development and Launch of HD 2000 NP-5(5 Color Offset Printing Machine)
2000.03.02	Development and Launch of HD 2000 E-5 (5-layer extruder)
2000.03.02	Development and Launch of HD 2000 AHS-200(Automatic Hot-Stamping Machine)
1999.11.22	Established IPACK co.Ltd, P.E. Tube Production Operation··· Geumhyun-ri,, Gyeonggi-do, Pocheon-si
1995.01.10	Development and Launch of HD-IMU-L100(Oval Unmanned P.E Tube Injection Molding Machine)
1994.07.06	Development and Launch of HD-IMS-L100 (Unmanned P.E Tube Injection Machine)
1992.12.10	Development and Launch of HD 1900 MP-5(5-Color Printing Machine)
1991.02.20	Development and Launch of High-Speed P.E Tube Injection Molding Machine
1989.03.10	Development and Manufacture of Semiconductor Equipment (Motorola...etc)
1988.11.20	Development and Launch of Manual P.E Tube Injection Machine
1981.09.12	Established Hyundae Machine, Inc ···Gwansu-dong, Jongno-gu, Seoul, Korea

IPACK Tube

PE tube and Coex Lami tubes are composed of several layers and the raw materials on each layer are applied seperately for each purpose. PE tubes are mainly used for storing household products including cosmetics, toothpaste, and other daily items. Coex Lami tubes have a perfect used blocking effect that is why they are used for storing pharmaceuticals as well as cosmetics with special characteristics.

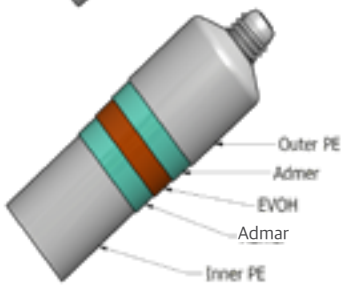
* The body of these tubes is composed as follows:

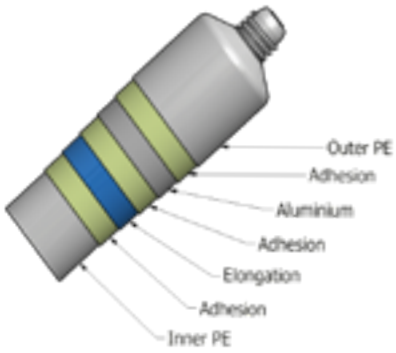


PE TUBE

There are two types of PE Tube: three layers and five layers.
Inner and outer raw materials are based on flexible materials with the same LDPE, and hard tubes products used HDPE. Color matching with client's target is possible

The 5-layer tube with EVOH applied to the middle layer is excellent in oxygen permeation and UV blocking.



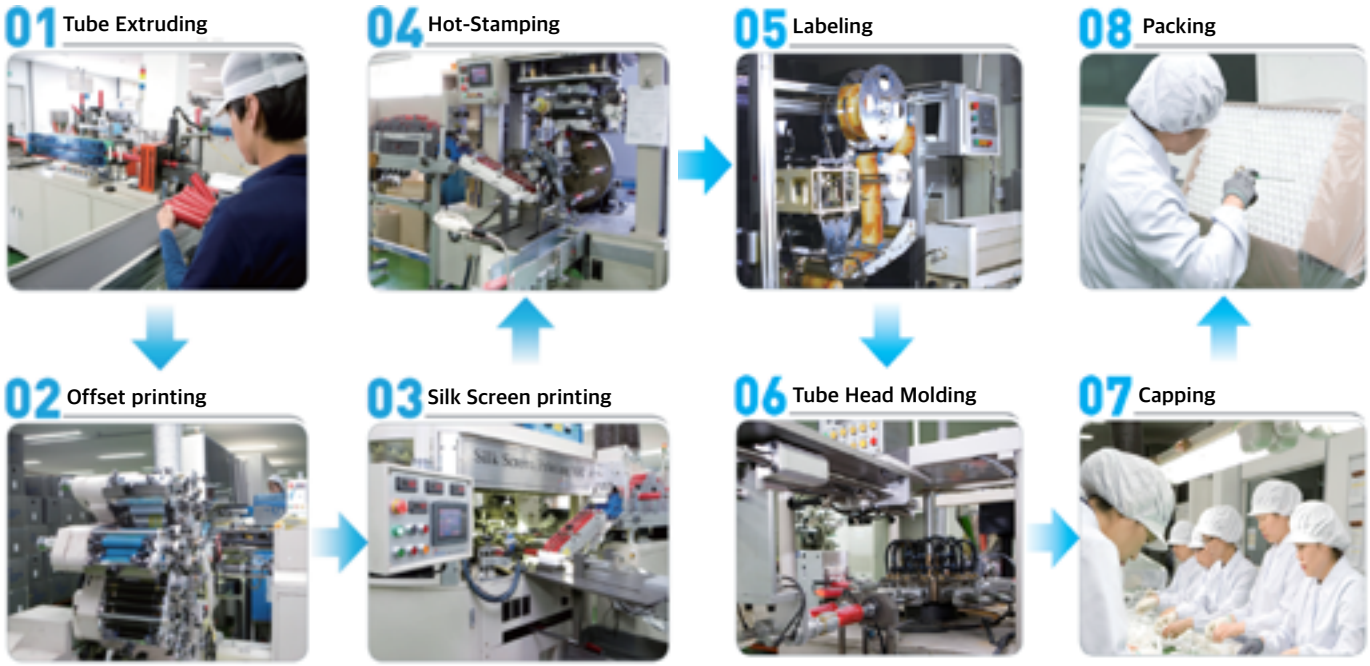


Coex Lami Tube

Unlike PE tubes, the COEX Lami Tubes has an AL sheet layer, which is excellent in preserving the contents.

The outer layer has an LDPE extruded which allows the customers to color, print, and Hot-Stamping in the same as the PE tube. It is mainly applied to eye cream, CC cream, high-functional cosmetics and medicine.

IPACK Tube production process guide (production rate:20millions pcs/month)




Coex Lami Extruding Line


Pump assembling and tester


Offset Printing Line


Injection molding line(Cap,Pump)

Flexo – gradation printing

We are trying to maximize customer satisfaction by implement-ing the customer's design in the printing press machine that IPACK has developed and is in operation.

Airless function

The airless check valve, made of a chemical stable PE, will maintain and keep the functions of the functional products such as sunscreen cream, BB cream and CC cream for a long time until it delivered to the consumers.

Small size Tubes

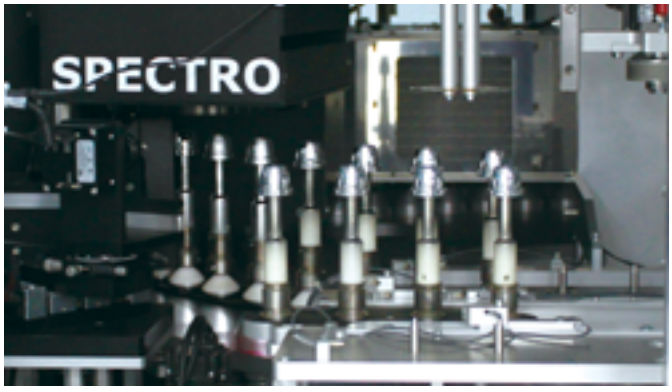
Small standard tubes such as Ø8.5, Ø10, Ø12, Ø13.5, Ø16~ Ø22 can contain high-functioning products and other medicines.

Airless Pump

IPACK airless pump is differentiated. Components pro-duction to quality test is being done in our own automatic line. We pursue high quality and it's being applied to tubes at the moment but soon to be available on variety of bottles.

Post-processing of Injection molded components

All injection molded components such as cap, pump button and collar can be post-processed. Coating, vacuum metalizing, AL overshell and such things are available. Since we have our own post process facilities, we can meet the client's needs quickly.



IPACK Research Center

IPACK research center handles everything from the first stage of product development to production stage straightly in house with its own tools and machines.

* Tube shape and head/cap

There are some options for the shape of tube head and cap. You can see all of these products for yourself, and the process of making it. This is by choice that may lead to the need for new creations and at the request of the customer. In this case, the process can be carried out in accordance with the mold making process, and will create something new that will satisfy the customer.

Tube-Round Type

* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS / Aluminium Overshell : AL

Ø10

* Model : 10-A1602(Coex Lami L-55~75)
* Nozzle cap(Ø9.2*H17)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL
* Available in Polyfoil only

Ø12

* Model : 12 -A1602 (Coex Lami L-55~75)
* Nozzle cap(Ø9.2*H17)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL
* Available in Polyfoil only

Ø13.5

* Model : 13 -1301 (Coex Lami L-55~80)
* Round cap(Ø12.2*H11.5)*Pin type Ø2.0
* Cap Post-processing-VM/OC/AL

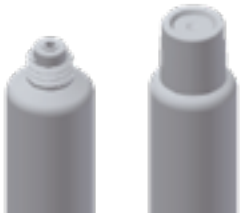
Ø13.5

* Model : 13 -1602 (Coex Lami L-55~80)
* Pin Cap(Ø8.7*H18)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø13.5

* Model : 13 -A1602 (Coex Lami L-55~80)
* Nozzle cap(Ø9.2*H17)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø16



* Model : 16 -1301 (Coex Lami,PE L-55~85)
* Round cap(Ø12.2*H11.3)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø16

* Model : 16 -1602(Coex Lami,PE L-55~85)
* Pin cap(Ø8.7*H18)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø16

* Model : 16-A1602 (Coex Lami,PE L-55~85)
* Nozzle cap (Ø9.2*H17)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

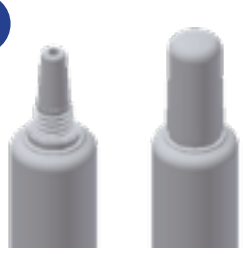
TUBE-Round Type

* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS / Aluminium Overshell : AL

Ø16

* Model : 16 -1604 (Coex Lami,PE L-55~85)
* Lip Gloss cap(Ø15.3*H18)*Pin type Ø1.5
* Cap Post-processing-VM /OC/AL

Ø16

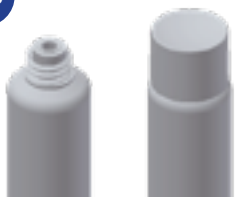


* Model : 16 -1610 (Coex Lami,PE L-55~85)
* Nozzle cap(Ø10.8**H19)*Pin type Ø2.0
* Cap Post-processing-VM/OC

Ø16

* Model : 16 -1612 (Coex Lami,PE L-55~85))
* Nozzle cap(Ø14.8*H20)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø16



* Model : 16 -1613 (Coex Lami,PE L-55~85)
* Round cap(Ø15.1*H11)*Lead type 3Ø
* Cap Post-processing-VM/OC/AL

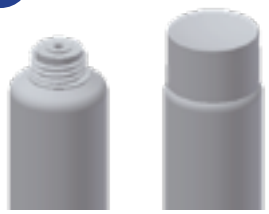
Ø19

* Model : 19-1602 (Coex Lami,PE L-55~90)
* Pin cap(Ø8.7*H18)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø19

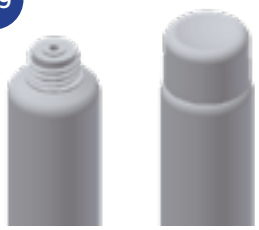
* Model : 19- A1602 (Coex Lami,PE L-55~90)
* Nozzle cap(Ø9.2*H17)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø19



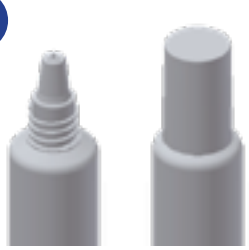
* Model : 19-1901(Coex Lami,PE L-55~90)
* Round cap(Ø17.9*H12)*Pin type Ø2.0
* Cap Post-processing-VM/OC/AL

Ø19



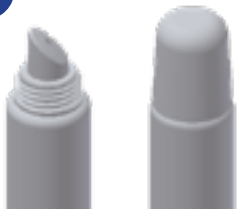
* Model : 19-1901R (Coex Lami,PE L-55~90)
* Round cap(Ø17.9*H12)*Pin type Ø2.0
* Cap Post-processing-VM/OC/AL

Ø19



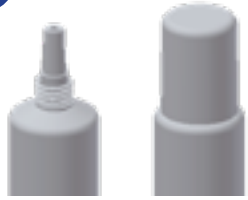
* Model : 19-1902 (Coex Lami,PE L-55~90)
* Nozzle cap(Ø14.7*H21)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø19



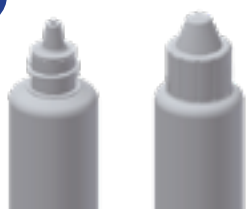
* Model : 19-1908 (Coex Lami,PE L-55~90)
* Lip Gloss cap(Ø17.9*H20)*Pin type Ø1.5, Ø3.0
* Cap Post-processing-VM/OC

Ø19



* Model : 19-1911 (Coex Lami,PE L-55~90)
* Nozzle cap(Ø16.8*H24)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø19

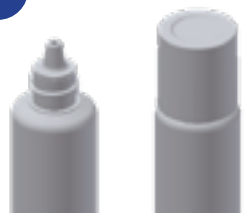


* Model : 19-1912 (Coex Lami,PE L-55~90)
* Assembly cap (Ø14.0*H19)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Tube-Round Type

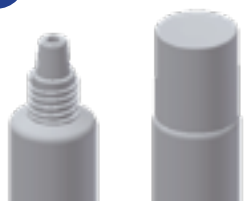
* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS / Aluminium Overshell : AL

Ø19



* Model : 19-1912D (Coex Lami,PE L-55~90)
* Nozzle cap(Ø18.0*H22)*Pin type Ø1.5
* Cap Post-processing-VM/OC

Ø19



* Model : 19-1913 (Coex Lami,PE L-55~90)
* Nozzle cap(Ø18.5*H23)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø22

* Model : 22 -1602 (Coex Lami L-55~100)
* Pin cap(Ø8.7*H18)*Pin type Ø1.5
* Cap Post processing-VM/OC/AL

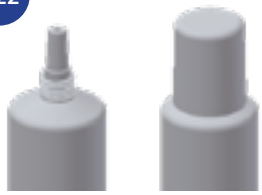
Ø22

* Model : 22-A1602 (Coex Lami L-55~100)
* Nozzle cap(Ø9.2*H17)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø22

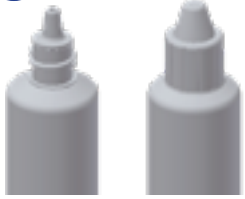
* Model : 22-1902 (Coex Lami,PE L-55~100)
* Nozzle cap(Ø14.7*H21)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø22



* Model : 22-1911 (Coex Lami,PE L-55~100)
* Nozzle cap(Ø16.0*H24)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø22

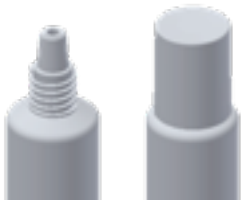


* Model : 22-1912 (Coex Lami,PE L-55~100)
* Inside cap only(Ø14.0*H19)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø22

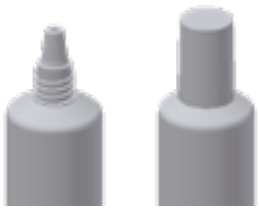
* Model : 22-1912D (Coex Lami,PE L-55~100)
* Nozzle cap(Ø18.0*H22)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø22



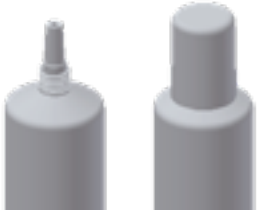
* Model : 22-1913 (Coex Lami,PE L-55~100)
* Nozzle cap(Ø18.5*H23)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL/HS

Ø25



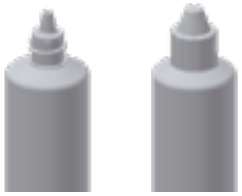
* Model : 25-1902 (Coex Lami,PE L-55~125)
* Nozzle cap(Ø14.7*H21)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø25



* Model : 25-1911 (Coex Lami,PE L-55~125)
* Nozzle cap(Ø16.8*H24)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø25

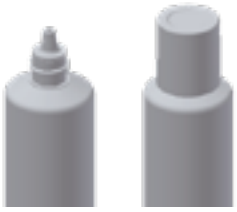


* Model : 25-1912 (Coex Lami,PE L-55~125)
* Inside cap only(Ø14.0*H19)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Tube-Round Type

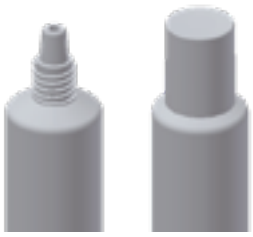
* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS / Aluminium Overshell : AL

Ø25



* Model : 25-1912D (Coex Lami,PE L-55~125)
* Nozzle cap(Ø18.0*H22)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL/HS

Ø25

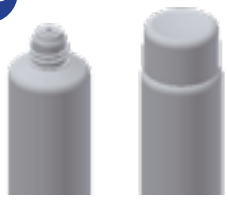


* Model : 25-1913 (Coex Lami,PE L-55~125)
* Nozzle cap(Ø18.5*H23)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL

Ø25

* Model : 25-2507 (Coex Lami,PE L-55~125)
* Round cap(Ø23*H16)*Foil seal Ø2~4
* Cap Post-processing-VM/OC/AL/HS

Ø25

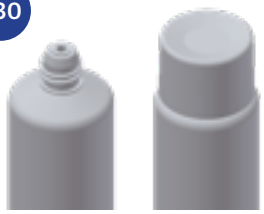


* Model : 25-2507R (Coex Lami,PE L-55~125)
* Round cap(Ø23*H16)*Foil seal Ø2~4
* Cap Post-processing-VM/OC/AL/HS

Ø25

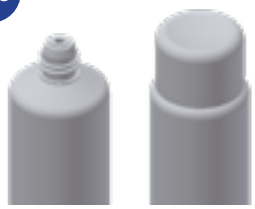
* Model : 25-2507S (Coex Lami,PE L-55~125)
* Octagon cap(Ø19.5*H13)*Foil seal Ø3.0
* Cap Post-processing-VM/OC

Ø30



* Model : 30-3003 (Coex Lami,PE L-55~135)
* Round cap(Ø27*H18)*Foil seal Ø2~5
* Cap Post-processing-VM/OC/AL/HS

Ø30

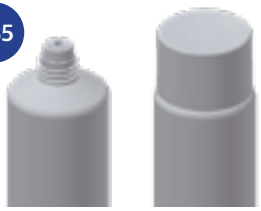


* Model : 30-3003R (Coex Lami,PE L-55~135)
* Round cap(Ø27*H18)*Foil seal Ø2~5
* Cap Post-processing-VM/OC/AL/HS

Ø30

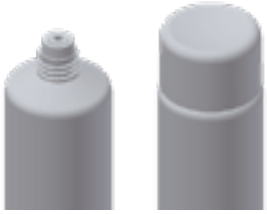
* Model : 30-2507S (Coex Lami,PE L-55~135)
* Octagon cap(Ø19.5*H13)*Foil seal Ø2~4
* Cap Post-processing-VM/OC

Ø35



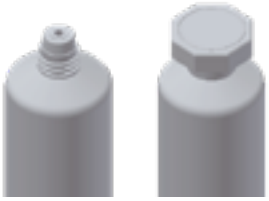
* Model : 35-3501 (Coex Lami,PE L-55~150))
* Round cap(Ø33.4*H21)*Foil seal Ø2~5
* Cap Post-processing-VM/OC/AL/HS

Ø35



* Model : 35-3501R (Coex Lami,PE L-55~150)
* Round cap(Ø33.4*H21)*Foil seal Ø2~5
* Cap Post-processing-VM/OC/AL/HS

Ø35



* Model : 35-4001B, 35-4001M
(Coex Lami,PE L-55~150)
* Octagon capB(Ø26.5*H14)*Foil seal Ø2~4
* Octagon capM(Ø24.5*H14)*Foil seal Ø2~4
* Cap Post-processing-VM/OC

Ø40

* Model : 40-4001 (Coex Lami,PE L-55~180)
* Round cap(Ø37.2*H21)*Foil seal Ø2~7
* Cap Post-processing-VM/OC/AL/HS

Tube-Round Type

* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS

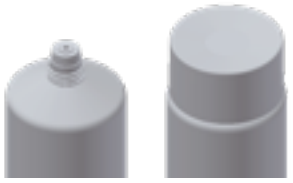
Ø40

* Model : 40-4001R (Coex Lami,PE L-55~180)
* Round cap(Ø37.2*H21)*Foil seal Ø2~7
* Cap Post-processing-VM/OC/AL/HS

Ø40

* Model : 40-4001B, 40-4001M
  (Coex Lami,PE L-55~180)
* Octagon capB(Ø26.5*H14)*Foil seal Ø2~4
* Octagon capM(Ø24.5*H14)*Foil seal Ø2~4
* Cap Post-processing-VM/OC

Ø45



* Model : 45-4503 (Coex Lami,PE L-55~190)
* Round cap(Ø42.6*H22)*Foil seal Ø2~7
* Cap Post-processing-VM/OC/AL/HS

Ø45

* Model : 45-4503R (Coex Lami,PE L-55~190)
* **Round cap**(Ø42.6*H22)*Foil seal Ø2~7
* Cap Post-processing-VM/OC/AL/HS

Ø50

* Model : 50-5002 (Coex Lami,PE L-55~190)
* **Round cap**(Ø47.0*H22)*Foil seal Ø3~7
* Cap Post-processing-VM/OV/AL/HS

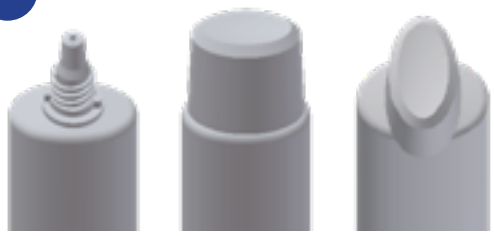
Ø50

* Model : 50-5002R (Coex Lami,PE L-55~190)
* **Round Cap**(Ø47.0*H22)*Foil seal Ø3~7
* Cap Post-processing-VM/OC/AL/HS

Tube-Oval Type

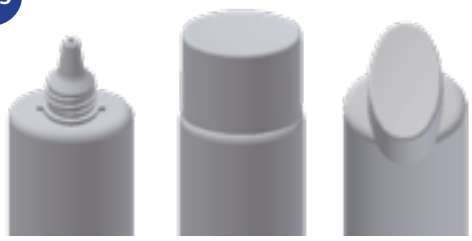
* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS
* Miner axis : Min / Major axis : Maj

Ø25



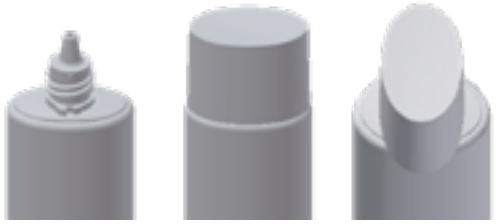
* Model : T25-T2501 (Coex Lami,PE L-55~125)
* Oval cap(MinØ16.9* MajØ26.4*H23)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL/HS

Ø25



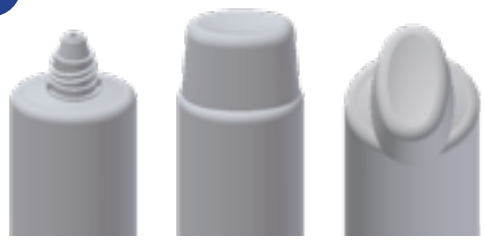
* Model : T25-T2508 (Coex Lami, PE L-55~125)
* Oval cap(MinØ18.4* MajØ28.2*H22.6)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL/HS

Ø25



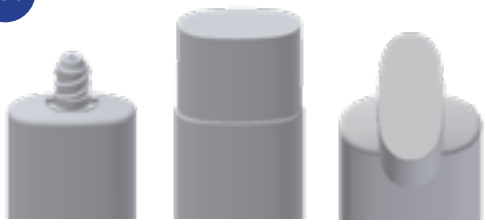
* Model : T25-T2561 (Coex Lami, PE L-55~125)
* Oval cap(MinØ18.4*MajØ28.5*H20.4)*Pin type Ø1.5
* Cap Post-processing-VM/OC/AL/HS

Ø30



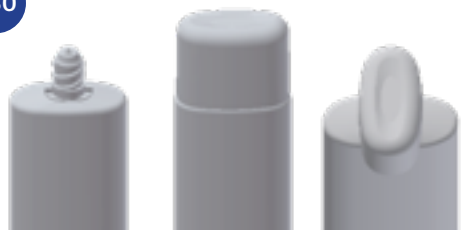
* Model : T30-T3001 (Coex Lami,PE L-55~135)
* Oval cap(MinØ22.6* MajØ30.9*H19.8)*Pin type Ø2
* Cap Post-processing-VM/OC/AL/HS

Ø30



* Model : T30-T3007 (Coex Lami,PE L-55~135)
* Oval cap(MinØ18.4* MajØ36.2*H27.2)*Foil seal Ø1.5
* Cap Post-processing-VM/OC/AL/HS

Ø30

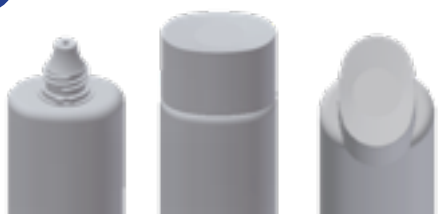


* Model : T30-T3007R (Coex Lami,PE L-55~135)
* Oval cap(MinØ18.4* MajØ36.2*H27.2)*Foil seal Ø 2~3
* Cap Post-processing-VM/OC/AL/HS

Ø30

* Model : T30-T3007(2P) (Coex Lami,PE L-55~135)
* Oval cap(MinØ19.0* MajØ36.2*H27.7)*Foil seal Ø2~3
* Cap Post-processing-VM/OC/AL/HS

Ø30



* Model : T30-T3010 (Coex Lami,PE L-55~125)
* Oval cap(MinØ23.6* MajØ33.9*H21.0)*Pin type Ø3
* Cap Post-processing-VM/OC/AL/HS

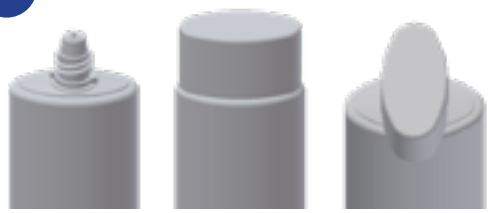
Tube-OVAL Type

* Vacuum Metalizing : VM / OverCoating :OV / Hot-Stamping : HS
* Miner axis : Min / Major axis : Maj

Ø35

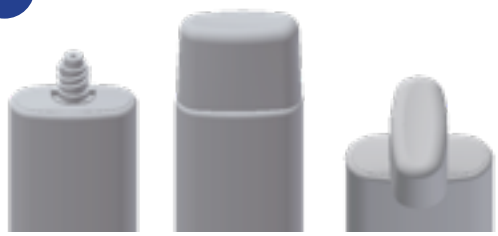
* Model : T35-T3501A (Coex Lami,PE L-55~150)
* Oval cap(MinØ20.5* MajØ41.1*H22.0)*Foil seal Ø2
* Cap Post-processing-VM/OC/AL/HS

Ø35



* Model : T35-T3501B (Coex Lami,PE L-55~150)
* Oval cap(MinØ20.5* MajØ41.1*H22.0)*Foil seal Ø2
* Cap Post-processing-VM/OC/AL/HS

Ø35

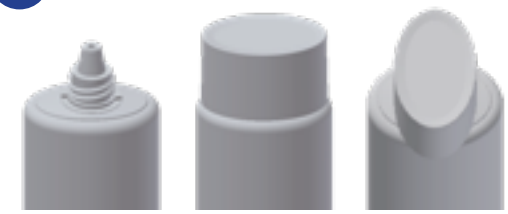


* Model : T35-T3503 (Coex Lami,PE L-55~150)
* Oval cap(MinØ18.3* MajØ42.6*H30.0)*Pin type Ø2
* Cap Post-processing-VM/OC/AL/HS

Ø35

* Model : T35-T3505 (Coex Lami,PE L-55~150)
* Oval cap(MinØ19.4* MajØ41.5*H22.0)*Foil seal Ø2~3
* Cap Post-processing-VM/OC/AL/HS

Ø35



* Model : T35-T3514 (Coex Lami,PE L-55~150)
* Oval cap(MinØ24.8* MajØ37.6*H21.9)*Pin type Ø2
* Cap Post-processing-VM/OC/AL/HS

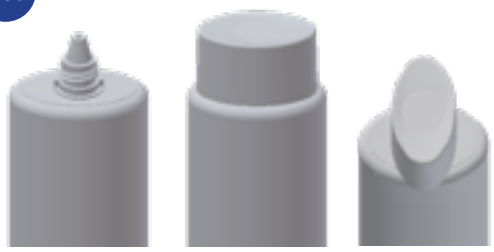
Ø40

* Model : T40-T4001R (Coex Lami,PE L-55~175)
* Oval cap(MinØ25.8* MajØ44.1*H23)*Pin type Ø2~3
* Cap Post-processing-VM/OC/AL/HS

Ø40

* Model : T40-T4007 (Coex Lami,PE L-55~175)
* Oval cap(MinØ22* MajØ49*H32)*Foil Seal Ø2~5
* Cap Post-processing-VM/OC/AL/HS

Ø40

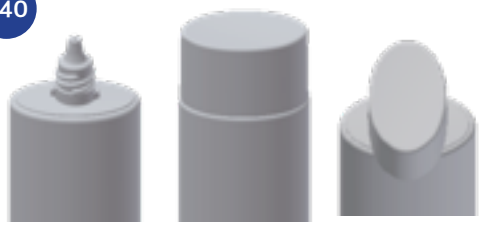


* Model : T40-T4008 (Coex Lami,PE L-55~175)
* Oval cap(MinØ23.9* MajØ41.7*H22.9)*Pin type Ø2
* Cap Post-processing-VM/OC/AL/HS

Tube-OVAL Type

* Vacuum Metalizing : VM / OverCoating :OV / Hot-Stamping : HS
* Miner axis : Min / Major axis : Maj

Ø40



* Model : T40-T4009 (Coex Lami,PE L-55~175)
* Oval cap(MinØ28.09* MajØ47.6*H27.7)*Pin type Ø2
* Cap Post-processing-VM/OC/AL/HS

Flip Top Cap-Round type

Ø25

* Model : 25-F2541 (Coex Lami,PE L-55~125)
* Flip Top cap(Ø23.8*H15.4)*Foil seal Ø1.5, Ø3, Ø5
* Cap Post-processing-OC/HS

Ø30

* Model : 30-F3015R (Coex Lami,PE L-55~135)
* Flip Top cap(Ø28.3*H20.5)*Foil seal Ø2, Ø3~5
* Cap Post-processing-OC/HS

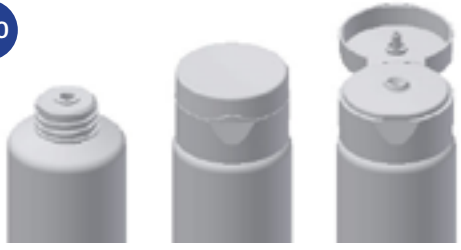
Ø35

* Model : 35-F3501N (Coex Lami,PE L-55~150)
* Flip Top cap(Ø32.8*H22.5)*Foil seal Ø3~7
* Cap Post-processing-OC/HS

Ø35

* Model : 35-F3502R (Coex Lami,PE L-55~150)
* Flip Top cap(Ø33.2*H21.0)*Foil seal Ø2~6
* Cap Post-processing-OC/HS

Ø40



* Model : 40-F4009 (Coex Lami,PE L-55~175)
* Flip Top cap(Ø37.9*H24.9)*Foil seal Ø2~7
* Cap Post-processing-OC/HS

Ø40

* Model : 40-F4009N (Coex Lami,PE L-55~175)
* Flip Top cap(Ø38*H23.9)*Foil seal Ø2~5
* Cap Post-processing-OC/HS

Flip Top Cap-Round Type

* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS

Ø40

* Model : 40-F4009R (Coex Lami,PE L-55~175)
* Flip Top cap(Ø38.2*H24.3)*Foil seal Ø2~7
* Cap Post-processing-HS

Ø45

* Model : 45-F4501N (Coex Lami,PE L-55~190)
* Flip Top cap(Ø42.7*H24.4)*Foil seal Ø2~7
* Cap Post-processing-HS

Ø45

* Model : 45-F4501R (Coex Lami,PE L-55~190)
* Flip Top cap(Ø42.7*H26.0)*Foil seal Ø2~7
* Cap Post-processing-HS

Ø45

* Model : 45-F4514ip (Coex Lami,PE L-55~190)
* Flip Top cap(Ø43.3*H28.0)
* Cap Post-processing-HS

Ø50

* Model : 50-F5001N (Coex Lami,PE L-55~190)
* Flip Top cap(Ø46.5*H25.1)*Foil seal Ø2~5
* Cap Post-processing-HS

Ø50

* Model : 50-F5001R (Coex Lami,PE L-55~190)
* Flip Top cap(Ø47.5*H25.7)*Foil seal Ø3~7
*Cap Post-processing-HS

Ø50

* Model : 50-F5001 (Coex Lami,PE L-55~190)
* Flip Top cap(Ø46.5*H25.1)*Foil seal Ø2~7
* Cap Post-processing-HS

Ø55

* Model : 55-F5501 (Coex Lami,PE L-55~190)
* Flip Top cap(Ø52.40*H27.4)*Pin Type Ø3~5
* Cap Post-processing-HS

Flip Top Cap-Round Type

* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS

Ø60

* Model : 60-F6001 (Coex Lami,PE L-55~190)
* Flip Top cap(Ø52.6*H31.0)*Foil seal Ø5
* Cap Post-processing-HS

Flip Top Cap-Oval Type

* Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS
* Miner axis : Min / Major axis : Maj

Ø35

* Model : T35-TF3512 (Coex Lami,PE L-55~150)
* Oval Flip Top cap(Min Ø24.9*MajØ39.8*H24.9)*Foil seal Ø4
* Cap Post-processing-HS

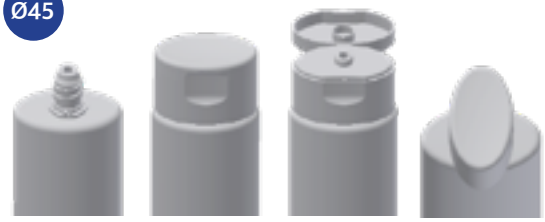
Ø40

* Model : T40-TF4010R (Coex Lami,PE L-55~175)
* Oval Flip Top cap(MinØ29.2*MajØ45.2*Ø*H26.3)*Foil seal Ø2~7
* Cap Post-processing-HS

Ø40

* Model : T40-TF4081 (Coex Lami,PE L-55~175)
* Oval Flip Top cap(MinØ29.5*MajØ44.6*H27.9)*Foil seal Ø3~5
* Cap Post-processing-HS

Ø45



* Model : T45-TF4503 (Coex Lami,PE L-55~190)
* Oval Flip top cap(MinØ29.3*MajØ51.5*H28.5)*Pin type Ø3,Ø5
* Cap Post-processing-HS

PUMP

The 0.2CC pump engine, which has been developed and through long study and researches, is being applied to the tube and is in the process of manufacturing its own mold so that it can be connected to other containers.

In addition, IPACK research institute development depart-ment and mold department run the mold making process, so we are always prepared to realize our customers cre-ativity. We will continue to make an efforts for new inno-vative products with the use of new technology

Actuator and Shoulder

Actuator

					
DB01	OB01	OB02	OB04	SOB01 (Ø19)	

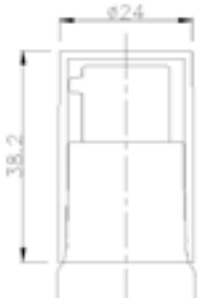
Shoulder

						
SA01	SB01	SB02	SBS01 (Ø19)	B01 (Ø30)	B02 (Ø35)	OV01 (OvalØ35)

Pump * Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS

Model : IP01
0.2CC DB01-SA01

* Size and Specifications



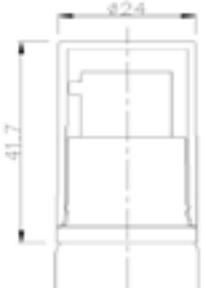
* Raw materials
Over Cap - Basic material PCTA
Shoulder&Actuator - PP +AL, Engine - PP, PE

* Post-processing - Over Cap (VM,OC, AL, Coloring)

IP01-Ø25 IP01-Ø30 IP01-Ø35

Model: IP02
0.2CC DB01-SB01

* Size and Specifications



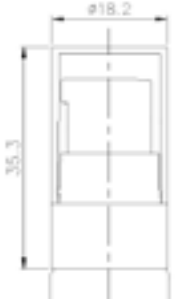
* Raw materials
Over Cap - Basic material PCTA
Shoulder&Actuator - PP+AL, Engine - PP, PE

* Post-processing - Over Cap(VM,OC, AL, Coloring)

IP02-Ø25 IP02-Ø30 IP02-Ø35

Model: IP03
0.2CC SOB01 - SBS01

* Size and Specifications



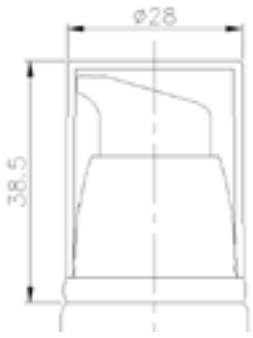
* Raw materials
Over Cap - Basic material PCTA
Shoulder&Actuator - PP+VM, Engine - PP, PE

* Post-processing - Actuator, Shoulder, Over Cap (VM,OC, Coloring)

Ø19 tube

Model: IP04
0.2CC OB02 - B01

*Size and Specifications



* Raw materials
Over Cap - Basic material PCTA
Shoulder&Actuator - PP+VM, Engine - PP, PE

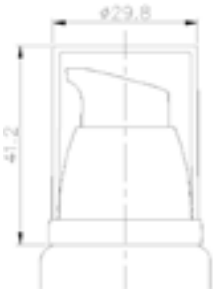
* Post-processing -Actuator, Shoulder, Over Cap (VM,OC, Coloring)

IP05-Ø30 tube

Pump * Vacuum Metalizing : VM / OverCoating :OC / Hot-Stamping : HS

Model: IP05
0.2CC OB02 - B02

* Size and Specifications



* Raw materials

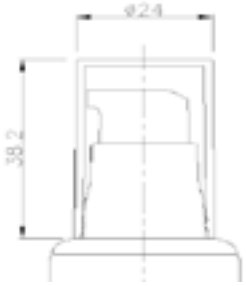
Over Cap - Basic material PCTA
Shoulder&Actuator - PP+VM, Engine - PP, PE

* Post-processing - Actuator, Shoulder, Over Cap (VM,OC, Coloring)

IP04-Ø35

Model: IP06
0.2CC OB01-OV01

*Size and Specifications



* Raw materials

Over Cap - Basic material PCTA
Shoulder&Actuator - PP+VM, Engine - PP, PE

* Post-processing - Actuator, Shoulder, Over Cap (VM,OV, Coloring)

Ø35 tube

Model: IP07
0.2CC OB01-SB02

*Size and Specifications

* Raw materials

Over Cap - Basic material PCTA
Shoulder&Actuator - PP+VM, engine - PP, PE

* Post-processing - Over Cap(VM,OV, AL, Coloring)

IP07-Ø25 IP07-Ø30 IP07-Ø35

PE Tube Extruding Machine

APPLICATION -1~5 LAYER PE SLEEVE
-RIGID OR FLEXIBLE TUBES

SPECIFICATION

OUTPUT	~800mm / Min
TUBE DIAMETER	Φ13.5~Φ60
TUBE LENGTH	55mm~210mm
AIR PRESSURE	5~6KG/cm2
ELEC.SOURCE	220/380V×85Kw×50~60Hz
DIMENSION	L 7,000×W4,000×H1,900mm
WEIGHT	4.500Kgs(Except dryer)

Cooling unit to be applied
hot and cool water

Touch screen for easy control

FEATURE

Besides the existing one, 3 and 5-layer tubes, window tube is available, through which the Contents are visible, Tube of up to maximum Φ60 can be produced with a current equipment.

Coex Lami Tube Extruding Machine

APPLICATION -COEX LAMI SLEEVE
-RIGID OR FLEXIBLE TUBES
-CAPSULES AND STICKS

High frequency adhesion for forming AL sheet cylindrically

Dynamic cutter and I-mark printer to fix printing direction

2 LAYER

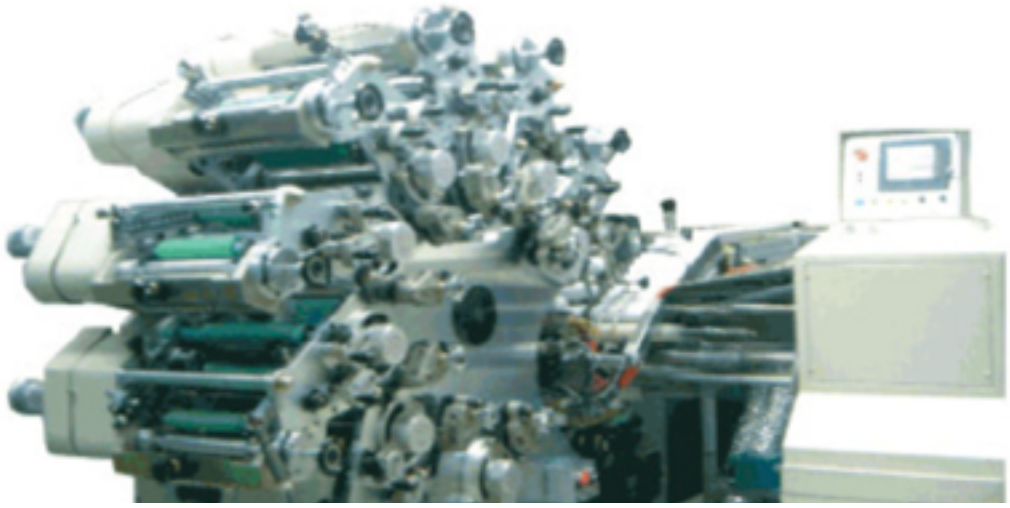
SPECIFICATION

OUTPUT	~800mm/Min
TUBE DIAMETER	Φ8.5~Φ60
TUBE LENGTH	55mm~210mm
AIR PRESSURE	5~6KG/cm^2
ELEC.SOURCE	220/380V×25Kw×50~60Hz
DIMENSION	L 6,400×W3,000×H2,500mm
WEIGHT	4,500Kgs

FEATURE

Coex Lami Tube Extruding Machine enables 2-layer LDPE on AL Sheet.

Off-Set Printing Machine
(HD 2000NP-8-4G)



APPLICATION -PE TUBE AND SLEEVE,
-COEX LAMI TUBE AND SLEEVE
-RIGID OR FLEXIBLE TUBES
-CAPSULES AND STICKS
-PLASTIC OR METAL

8 color

SPECIFICATION

OUTPUT	SINGLE-BLANKET PRINTING 120/RPM < 8 COLOR : 110/RPM
TUBE DIAMETER	Φ13.5~Φ60
TUBE LENGTH	55mm~210mm
PRINTING LENGTH	55mm~190mm
AIR PRESSURE	5~6KG/cm2
GAS(LPG)	0.02 l/H
ELEC.SOURCE	220/380V×27Kw×50~60Hz
DIMENSION	L 2,300×W 3,100×H 2,500mm
WEIGHT	4.000Kgs(Except for dryer)
DIMENSION WITH HEATING MACHINE	L 130,000×W 3,100×H 2,500mm

The unit that is sensing I-mark on tube for printing self same direction

The unit for working with ease

FEATURE

System for automatic offset decoration on flexible tube with 8 colors and sticks in plastic or metal.

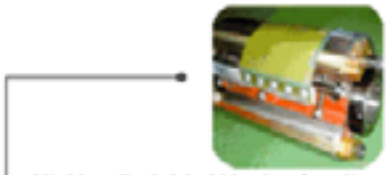
Off-Set Printing Machine
(HD 2000NP-5)

APPLICATION -PE TUBE AND SLEEVE,
-COEX LAMI TUBE AND SLEEVE
-RIGID OR FLEXIBLE TUBES
-CAPSULES AND STICKS
-PLASTIC OR METAL

5 color

SPECIFICATION

OUTPUT	SINGLE-BLANKET PRINTING 120/RPM < 5 COLOR : 110/RPM
TUBE DIAMETER	Φ13.5~Φ60
TUBE LENGTH	55mm~210mm
PRINTING LENGTH	55mm~190mm
AIR PRESSURE	5~6KG/cm2
GAS(LPG)	0.02 l/H
ELEC.SOURCE	220/380V×27Kw×50~60Hz
DIMENSION	L 2,300×W 3,100×H 2,500mm
WEIGHT	4.000Kgs(Except for dryer)
DIMENSION WITH HEATING MACHINE	L 130,000×W 3,100×H 2,500mm



Highly adjustable X/Y setup function

High-quality output through double roller

Maintenance of color sharpness through synchronized performance of printing and coating

FEATURE

System for automatic offset decoration on flexible tube with 5 colors and sticks in plastic or metal.

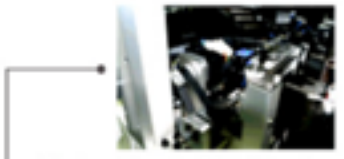
Silk-Screen Machine
(HD 2008 SP-2)

APPLICATION -PE TUBE AND SLEEVE,
-COEX LAMI TUBE AND SLEEVE
-RIGID OR FLEXIBLE TUBES
-CAPSULES AND STICKS
-PLASTIC OR METAL

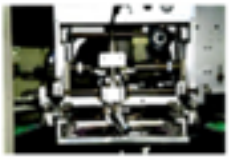
3 color

SPECIFICATION

OUTPUT	40/RPM
TUBE DIAMETER	Φ8.5~Φ60
TUBE LENGTH	55mm~210mm
PRINTING LENGTH	50mm~180mm
AIR PRESSURE	5~6KG/cm²
ELEC.SOURCE	220/380V×35Kw×50~60Hz
DIMENSION	L 2,600×W2,000×H2,300mm
WEIGHT	2,500Kgs(Except for dryer)-UV drying / lacquering
	Easy installation of additional dryers



5color printing via I-MARK sensing capability - Silk printing can be carried out after offset printing is detected



High-quality output based on a stable and sophisticated design

FEATURE

The advantage of Silk Screen machine is enables high-quality printing through U.V drying, and that it is excellent in drying equipment as well as in productivity thanks to short hardening time by second unit.

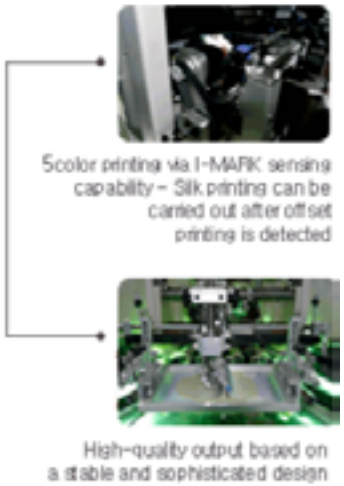
Silk-Screen Machine
(HD 2008 SP-5)

APPLICATION -PE TUBE AND SLEEVE,
-COEX LAMI TUBE AND SLEEVE
-RIGID OR FLEXIBLE TUBES
-CAPSULES AND STICKS
-PLASTIC OR METAL

5 color

SPECIFICATION

OUTPUT	40/RPM
TUBE DIAMETER	Φ8.5~Φ60
TUBE LENGTH	55mm~210mm
PRINTING LENGTH	50mm~180mm
AIR PRESSURE	5~6KG/cm²
ELEC.SOURCE	220/380V×35Kw×50~60Hz
DIMENSION	L 2,600×W2,000×H2,300mm
WEIGHT	2,500Kgs(Except for dryer)-UV drying / lacquering
	Easy installation of additional dryers



FEATURE

The advantage of Silk Screen machine is enables high-quality printing through U.V drying, and that it is excellent in drying equipment as well as in productivity thanks to short hardening time by second unit.

Tube Head Injection Machine

APPLICATION -PE SLEEVE
-COEX LAMI SLEEVE

SPECIFICATION

OUTPUT	900TUBES/H
TUBE DIAMETER	Φ8.5~Φ60
OVAL TUBE . DIAMETER	Φ25~Φ45
TUBE LENGTH	55mm~200mm
AIR PRESSURE	5~6KG/cm²
ELEC.SOURCE	220/380V×5.6Kw×50~60Hz
DIMENSION	L 3,600×W2,200×H1,900mm
WEIGHT	1,200Kgs(Except for dryer)

Auto Foil seal function

Direction setup of Flip Top cap via auto-sensing function and automatic manufacturing of oval tubes

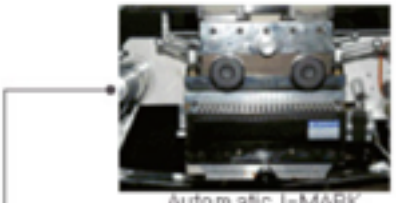
FEATURE

Tube head injection machine makes tube head with HDPE.

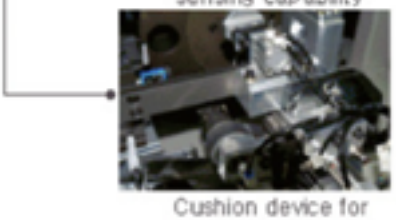
The increase of productivity realated to shortening of tool change time.

Hot-Stamping Machine

APPLICATION -PE TUBE
-COEX LAMI TUBE
-RIGID OR FLEXIBLE TUBES
-CAPSULES AND STICKS
-PLASTIC OR METAL



Automatic I-MARK sensing capability



Cushion device for high-quality output

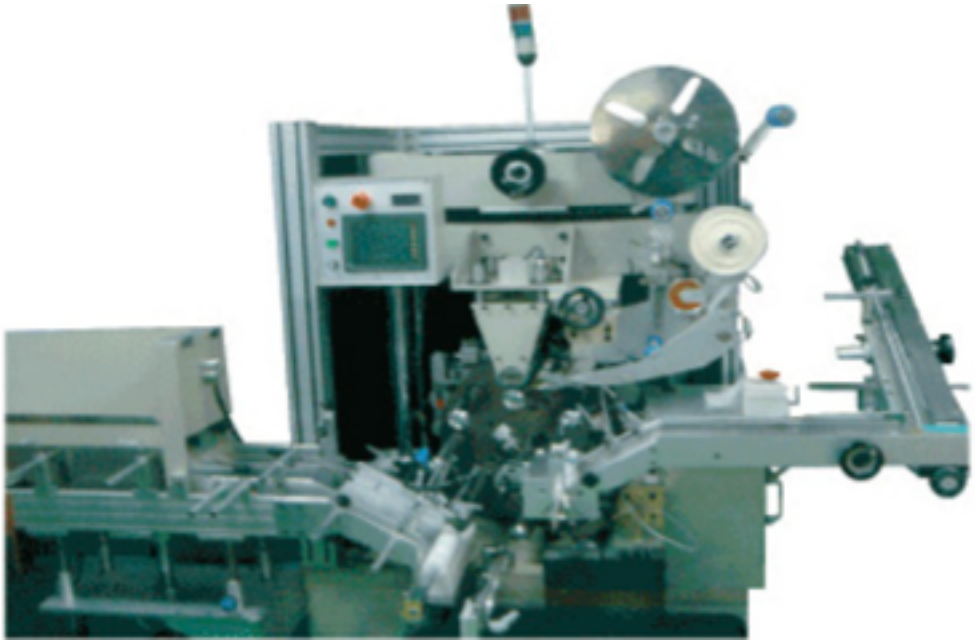
SPECIFICATION

OUTPUT	40/RPM
TUBE DIAMETER	Φ16~Φ60
TUBE LENGTH	50mm~210mm
STAMPING LENGTH	50mm~180mm
AIR PRESSURE	5~6KG/cm^2
ELEC.SOURCE	220/380V×5Kw×50~60Hz
DIMENSION	L 1,900×W1,900×H2,500mm
WEIGHT	1,500Kgs

EATURE

As high-Performance automatic machine that has a automatic sensor is perceived rotation and enabling for hot stamping to be done on the correct position.

Labeling Machine



APPLICATION -PE TUBE
-COEX LAMI TUBE

SPECIFICATION

OUTPUT	~60Pieces/Min
TUBE DIAMETER	Φ16~Φ60
TUBE LENGTH	50mm~210mm
AIR PRESSURE	5~6KG/cm²
ELEC.SOURCE	220/380V×3Kw×50~60Hz
DIMENSION	L3,200×W2,100×H2,400mm
WEIGHT	1,300Kgs

Panel that enables to switch to Automatic or manual mode

Position of label can be fixed

Front and back stepping motors spin to the original state

FEATURE

Labeling machine enables labeling on tube automatically.

Capping Machine

APPLICATION

-PE TUBE
-COEX LAMI TUBE
-CAPSULES AND STICKS
-PLASTIC OR METAL

SPECIFICATION

OUTPUT	40 Pieces / Min. for stamping 46 Pieces / Min. for capping
TUBE DIAMETER	Φ16~Φ60
TUBE LENGTH	50mm~210mm
PRINTING LENGTH	50mm~180mm
AIR PRESSURE	5~6KG/cm^2
ELEC.SOURCE	220/380V×10Kw×50~60Hz
DIMENSION	L4,760×W1,925×H1,246mm
WEIGHT	2,500Kgs

FEATURE

Capping machine can assemble cap with tube automatically.
(Available diameters Φ13.5 ~Φ60)

Tube Auto Filling and Sealing Machine

APPLICATION
-PE TUBE
-COEX LAMI TUBE
-RIGID OR FLEXIBLE TUBES
-CAPSULES AND STICKS
-PLASTIC OR METAL

SPECIFICATION

OUTPUT	SINGLE-BLANKET PRINTING:3,000 TUBES/H
TUBE DIAMETER	Φ19~Φ60
TUBE LENGTH	50mm~210mm
AIR PRESSURE	5~6KG/cm²
ELEC.SOURCE	220/380V×6Kw×50~60Hz
DIMENSION	L2,200×W1,000×H2,300mm
WEIGHT	1,500Kgs

FEATURE

Filling and sealing are done in one line with exact contents, and our self-developed Hot Air is easy to control temperature.

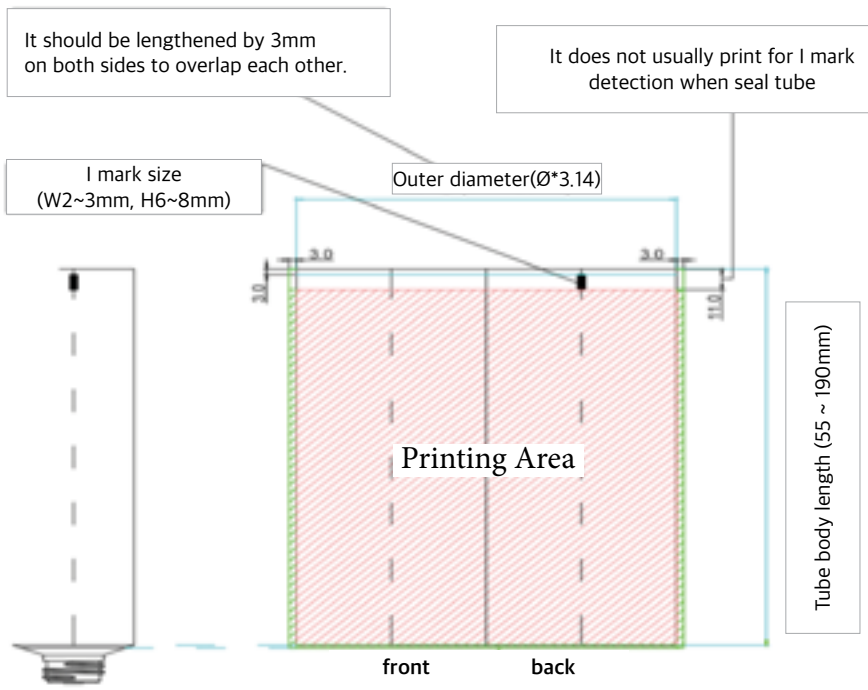
Order Process Information

The size of the tube can be selected from several Ø depending on the capacity of the product by customer's request. You can see the approximate length of the product according to Ø below. The exact length should be checked with the contents as there is a little difference depending on the shape of the tube (round or oval) and the weight of the contents.

Application standard: Based on the specific gravity of 1.0 the height is calculated by adding the filling space to the state of being contained in the contents, and the tube length is at least 55 mm to 190mm.
Length of actual product: Contents of junk / (specific gravity * radius * radius) + height of filling (20 ~ 35mm according to Ø)

	1.0g	2.0g	3.0g	5.0g	10.0g	15.0g	20.0g	30.0g	40.0g	50.0g	60.0g	70.0g	80.0g	90.0g	100.0g	120.0g	150.0g	180.0g	200.0g	230.0g	250.0g	300.0g
Ø8.5	55mm	62mm																				
Ø10	55mm	55mm	72mm																			
Ø12			55mm	72mm																		
Ø13.5			55mm	62mm																		
Ø16				55mm	80mm																	
Ø19					55mm	60mm	81mm															
Ø22					55mm	65mm	83mm															
Ø25						55mm	65mm	89mm	112mm													
Ø30							55mm	68mm	84mm	100mm	114mm	130mm										
Ø35								58mm	69mm	80mm	92mm	102mm	114mm	125mm	136mm							
Ø40										69mm	77mm	86mm	94mm	103mm	111mm	128mm	153mm	178mm				
Ø43												80mm	87mm	95mm	103mm	117mm	139mm	160mm	175mm			
Ø45													89mm	90mm	97mm	110mm	130mm	150mm	163mm	183mm		
Ø47															90mm	103mm	121mm	139mm	151mm	169mm	181mm	
Ø50																94mm	110mm	126mm	136mm	153mm	164mm	190mm
Ø55																	98mm	112mm	120mm	133mm	142mm	164mm
Ø60																		102mm	109mm	120mm	128mm	146mm

* Appearance design (Packaging design, Decoration)



- Confirmed printing specifications 1:1 scale. Please make an AI file and send it by e-mail.

Types of caps

Cap name	Cap post processing
Round Cap	Vacuum Metalizing, Aluminium Overshell, Hot-Stamping
Oval Cap	Vacuum Metalizing Aluminium Overshell, Hot-Stamping
Flip Top Cap	Overcoating,Hot-Stamping
Oval Flip Top Cap	Overcoating, Hot-Stamping
Pin Cap	Aluminium Overshell
Nozzle Cap	Vacuum Metalizing Aluminium Overshell, Hot-Stamping
Lip Gloss Cap	Vacuum Metalizing Aluminium Overshell, Hot-Stamping
Assembly Cap	Vacuum Metalizing on outer cap

* Round Cap

* Oval Cap

Round caps and oval caps are made of PP material and are commonly used, and can be all colored as desired by the customer. In addition, post-processing such as vacuum metalizing, coating, and aluminum are possible.

* FlipTop Cap-Round Type

* FlipTop Cap-Oval Type

The material of the Flip Top cap is random PP, it is designed to be opened easily for customers convenience, and it is possible to finish coloring and foil if customer wants.

It is very practical for its usability, and widely applied to bath products (foam cleansing, etc.).

* Lip Gloss Cap

* Nozzle Cap

The material of the cap is PP and mainly applied to the tube container of Ø25 or less, and the cap can be retrofitted to the desired color.

Types of caps

* Pin Cap (Ointment type cap)

The material of the cap is PP, which is mainly applied to a tube container of less than 30 PSI.

* Octagon Cap

The material of the cap is PP, and it is possible to colorize, Vacuum Metalizing and Overcoating the desired color. Three caps of different sizes can be selected for a tube between Φ25-Φ40.

* Airless Cap

The material of the cap is PP, and it is possible to do coloring, vacuum metalizing, overcoating after the customer decide, and it is possible to make various shapes of AL post-processing with different shape cap.

* Assembly Cap

The internal/external cap is made of PP material, which can be colored by the customer, the inside of the cap is clean, and the outside cap is made for post-processing of vacuum metalizing, overcoating.

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