

# DO IT RIGHT THE FIRST TIME

## ABOUT DAEWON

Daewon has founded in 1975 and has grown into a leading supplier of plastic Extrusion and injection molded products covering solar, bio-Medical and multiple segments of the semiconductor industry.

We have continually enhanced our manufacturing capability as semiconductor Industry requirements have evolved and we are now regarded as one of the most technologically advanced plastic component suppliers supporting state-of-the-art materials and processes.

# CEO MESSAGE

**Daewon promises**  
to be a No.1 partner of our customers.

## DO IT RIGHT THE FIRST TIME

It has been a fundamental management guideline from the beginning of Daewon.

Since its founding in 1975, Daewon has been able to become one of the best plastic injection molding manufacturers in the world, because we did not forget our fundamental management guideline to "Do It Right The First Time".

Daewon grew by developing IC Shipping Tubes in the 1980's when the semiconductor business was experiencing rapid growth. In the 1990's, Daewon was the first company to design and manufacture IC Shipping Trays in Korea. Daewon is now the market leader in the global JEDEC IC Tray industry.

We are proactively meeting our customers' needs. And we continuously adapt and evolve in the areas of precision molding, new ideas, customer responsiveness, accurate procedures, and automated processes, and we promise to be a No.1 business partner of our customers.

# COMPANY HISTORY

**"DO IT RIGHT THE FIRST TIME"**  
: Our commitment

## 1970~80's

Founded in 1975  
Extrusion Tag Pins  
Solar Energy Solutions  
IC Shipping Tubes  
IC Injection Molded Media

## 1990's

Facility Expansion  
Mold Design & Tooling  
Precision Automation  
Global Support Network

## 2010's ~

Carrier Tape in Daewon  
Wafer Handling Media Products  
Bonding Wire Launching  
(May, 2014)

## 2000's

SAMSUNG ECO Partner  
Peak International  
Acquisition  
Bare Die & Clean  
Carrier Tape  
Clean Room  
Expansion EICC and Green  
Initiative Strategic  
Manufacturing  
Partners (SMP)



## Award

- 2014 08 Statshippac, "Best Supplier Award"
- 2014 04 Intel Corporation,  
"Supplier Continuous Quality Improvement"
- 2013 07 Statshippac, "Best Supplier Award"
- 2013 08 Intel Corporation, "Preferred Quality Supplier"
- 2012 07 Statshippac, "Best Supplier Award"
- 2012 04 Intel Corporation, "Preferred Quality Supplier"
- 2011 11 Amkor Technology, "Supplier Award"
- 2011 08 Statshippac, "Best Supplier Award"
- 2011 03 Intel Corporation, "Preferred Quality Supplier"
- 2010 03 Spansion Kuala Lumpur,  
"In Apperciation For Support to Spansion in 2009"  
Intel Corporation,  
"Supplier Continuous Quality Improvement"
- 2009 03 Intel Corporation,  
"Supplier Continuous Quality Improvement"
- 2008 03 Intel Corporation,  
"Supplier Continuous Quality Improvement"
- 2007 03 Intel Corporation,  
"Supplier Continuous Quality Improvement"
- 2006 03 Intel Corporation,  
"Supplier Continuous Quality Improvement"
- 2005 01 Amkor Technology, "Excellence in Service from Support"
- 2005 03 Intel Corporation, "Preferred Quality Supplier"

- 2004 02 Amkor Technology,  
"Excellence in Shipping Technology & Support"  
FASL Suzhou, "Satisfactory Supplier of 2003"
- 2004 08 Amkor Philippines, "Best Indirect Service and Support"
- 2003 02 AMKOR, "In Recognition of Overall Support"
- 2003 03 Intel Corporation, "Preferred Quality Supplier"
- 2003 04 Amkor Technology, "Best Supplier of 2002"
- 2003 10 AMD, "In Recognition of Overall Support"
- 2002 04 ChipPAC Korea, "Supplier Excellence"

## OUR MISSION

Provide the best quality in our products and services

Create profit through technological innovation





Delight our customers

Be number one

# GLOBAL NETWORK

Daewon has 8 branches in the world that offers vendor managed inventory and JIT delivery.



-  Sales Office/Warehouse(s)
-  HQ, Factories, Sales
-  SMP
-  Peak, Factory, Sales

# ALLIANCES

We are the company making a constant effort to create a happy living life.

 SEMICONDUCTOR PACKAGING MATERIAL



 GOLF & RESORT



 LED LIGHTING



 CONSTRUCTION



# BUSINESS POLICIES



## 01 QUALITY

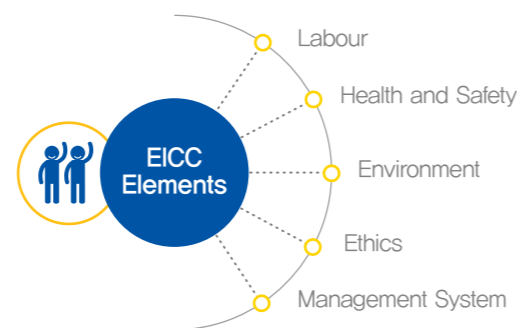
### DO IT RIGHT THE FIRST TIME

It is the policy of Daewon to achieve total customer satisfaction through quality systems promoting continuous improvement, discipline and teamwork. To achieve this objective, the management of Daewon is committed to the effective implementation and maintenance of total quality management system.

## 02 ETHIC

### Daewon promotes management to adopt and comply with the EICC

EICC promotes and industry code of conduct for the global electronics supply chain to improve the working and environmental conditions. EICC (Electronic Industry Citizenship Coalition) was introduced in 2004 by Dell, HP, IBM, and other major companies in the global electronics industry. EICC provides guidelines in five areas; 'Labor, Health & Safety, Environment, Management System and Business Ethics. As a global company, Daewon promotes management to adopt and comply with the EICC. Daewon conducted an EICC self evaluation and was rated in the low risk group for EICC compliance.



## 03 ENVIRONMENTAL

Daewon is a leading company for injection molding products in Semiconductor manufacturing industry. Our environmental policy is focused on protecting the environment. We are committed to comply with government's environmental laws and regulations. We are also committed to minimize industrial waste and pollution, and to continually improve our environmental management system.

We efficiently use and share our resources with our employees, suppliers and customers to reduce potential environmental hazards substances and promote a safe and healthy environment. In order to improve our environmental practices, we are committed to operate an 'ISO 14001' environmental management system.

### Our main objectives are to :

- > Prevent water & air pollution
- > Reduce, reuse and recycle wastes and packing material
- > Improve the efficiency of energy usage
- > Strive environmental accident-free
- > Restrict and/or eliminate the use of hazardous substances from products and processes

-  Greengouse Gas Reduction
-  Green Products
-  Hazardous Substances Management
-  Certification

## 04 GLOBAL

### Global management is essential.

In this rapidly changing global environment, effective global management is essential in order to achieve continuous growth and stability. Establishment of overseas branches, partnerships with our affiliates, and relations with foreign companies play a significant role in our global business strategy. Daewon's global perspective is to attract talented employees, procure raw materials and manufacture at each location to reduce cost and deliver customer value. Daewon maximizes total values for the customers with its global strategy.

# PRODUCT PLASTIC DIVISION

## WAFER MEDIA

Daewon's semiconductor wafer media products provide high cleanliness solutions to the strict requirements of the semiconductor industry. Daewon's Vertical/Horizontal Wafer Shippers and Film Frame Shippers are compatible with today's automated wafer handling equipment. And they enable safe and reliable transportation of the wafers.



450mm Multi Application Carrier



Vertical Wafer Shippers



Horizontal Wafer Shippers



Film Frame Shippers & Plastic Rings

## STORAGE MEDIA

Daewon's storage media products are based on world-class designs and manufacturing capabilities. Daewon's HSA/HGA Trays and Disc Caddies can reliably be used for process and shipping purpose of hard disk drivers and components.



Head Stack / Head Gimbal Assembly Trays & Disc Caddies

## IC MEDIA

Daewon's semiconductor integrated circuit media products are based on decades of experience and ability. Daewon's JEDEC compliant IC Shipping & Process Trays are manufactured with world-class designs and high quality materials. Dewon is the market leader and gave largest selection of open tools.



IC Trays



End-Cap & End-Tab Clips



Bare Die Tapes



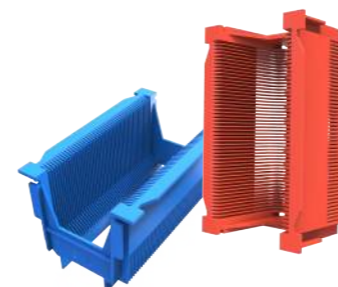
Tape & Reel



IC Tubes

## SOLAR & MEDICAL MEDIA

Daewon's Solar Wafer Process Cassettes are used in the manufacturing process for making solar wafers. Also Dewon has various products for medical devices based on customers' needs.



Process Cassettes



Cuvettes



# PRODUCT

# METAL DIVISION

## BONDING WIRE

Use as primary component for making interconnection between an integrated circuit (IC) or other semiconductor device and providing a greater number of connection during device fabrication and packaging. It has the ability of being used at smaller diameter start at 12um up to hundred micrometer depends on its application, possessed with high thermal and electric conductivity extending the performance enhancement to comply with the current trend in semiconductor manufacturing.

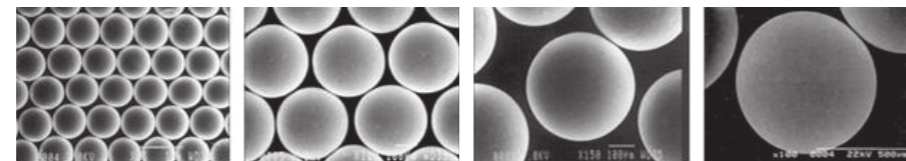
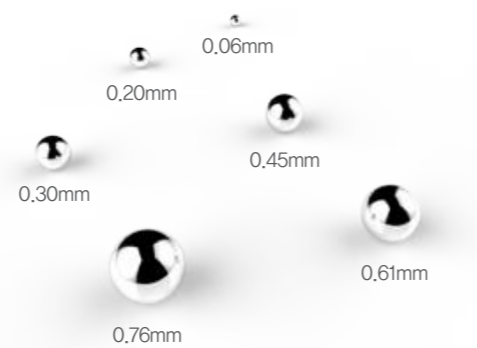
### Bonding Wire Line-up

- > Competitive price
- > Rubust bondability
- > Superior reliability
- > Strength for looping

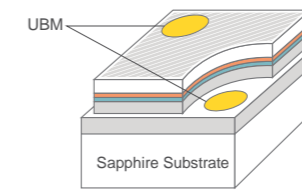


## SOLDER BALL

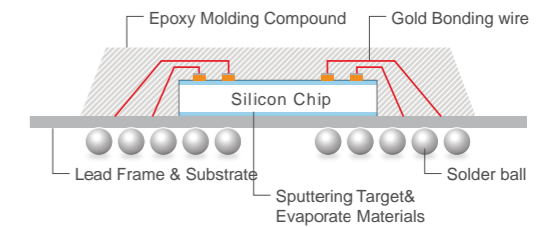
- > Anti-oxidatation
- > Excellent wettability
- > Consistency size
- > Best roundness



## EVM



Under Bumping Material



Eutectic bonding

## Silicon Part

Silicon is the most basic and high-function materials used in semiconductors and solar batteries, and high-value-added materials which require sophisticated production and manufacturing processes. IMS Daewon possesses the most demanding technology SI focus rings used in the etching process for semiconductors. IMS Daewon looks forward to becoming the number one company in silicon products in the world.

### MATERIAL CHARACTERISTIC

#### High purity, single crystal

Less physical transformation change by temperature. Available to work in temperature of 200°C.

#### Abundant resources

Silicon is earth's second most abundant element

#### Easy to control resistance



#### \*Si Focus Ring

Si Focus Ring helps to gather Plasma together to exact location in the Chamber.