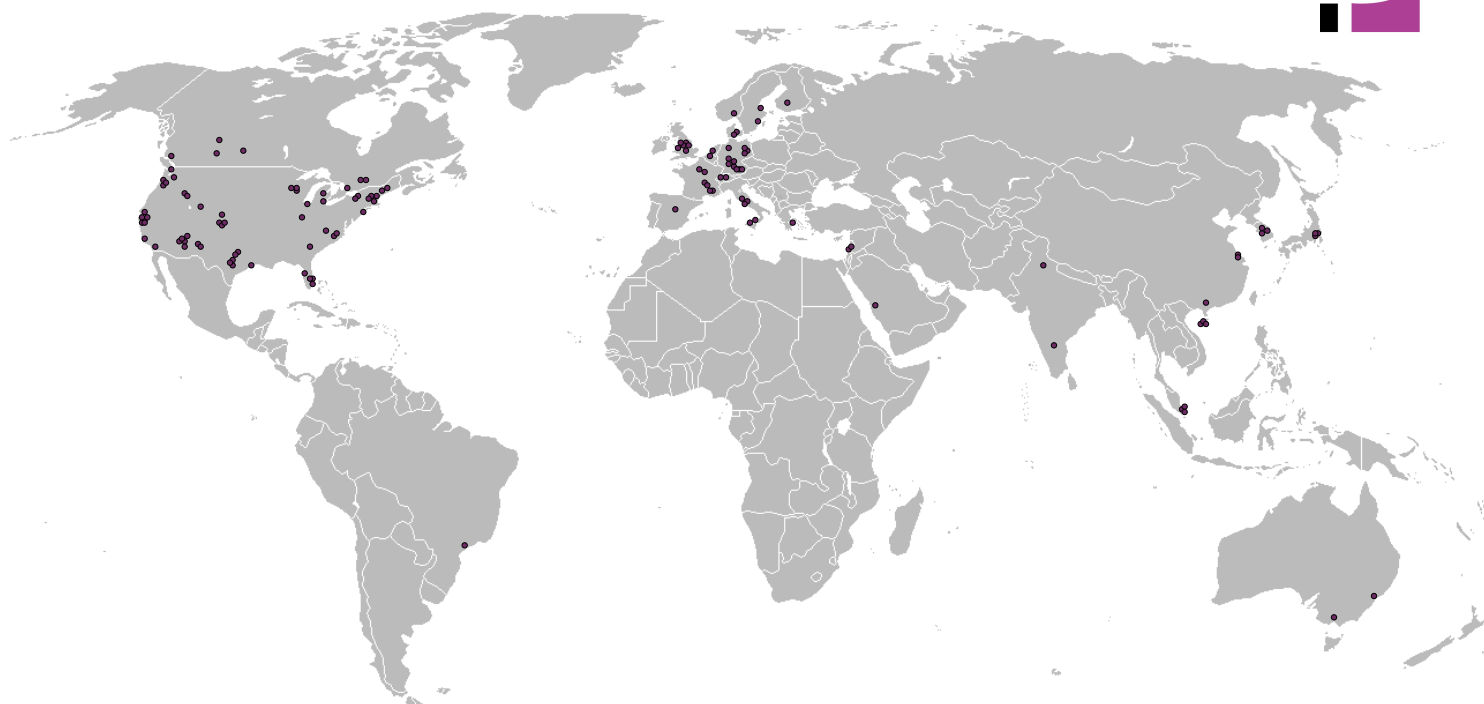




## Semiconductor Photomask and Wafer handling products catalog



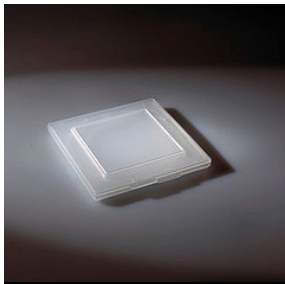
Pozzetta global customer base

Pozzetta, Inc., was founded in 1994 to meet the growing need to safely store and transport critical devices around the world. Together with the submicron cleaning capability of Pozzetta Micro Clean, the company forms one of the world's premier critical packaging providers. Utilizing operations within one of the industry's most dedicated manufacturing facilities, Pozzetta offers a comprehensive range of critical device handling solutions, and research and development capabilities to meet the increasingly sophisticated product-and-service requirements of the global semiconductor and electronics industry.

Companies around the world trust Pozzetta to create secure environments for the handling, storage, and transport of photomasks, reticles, and wafers. Pozzetta will protect your valuable products from particles, ESD damage, outgassed components, and high costs.

Pozzetta Products  
3121 S Platte River Dr  
Englewood, CO 80110  
303.783.3172  
[www.pozzetta.co](http://www.pozzetta.co)

**PM300 Series  
Photomask Compact**



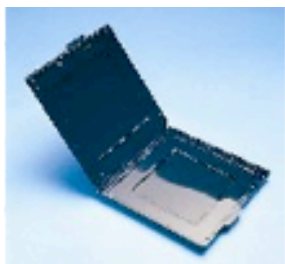
**PM300NP** - Anti-Static Polypropylene. This 3-inch translucent or transparent mask package offers the durability and impact strength of polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM300-NP06	0.060"	Polypropylene	Clear
PM300-NP09	0.09	Polypropylene	Clear



**PM300ETA** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM300-ETA06	0.060"	PP/IDP	Orange
PM300-ETA09	0.090"	PP/IDP	Orange



**PM300CP** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

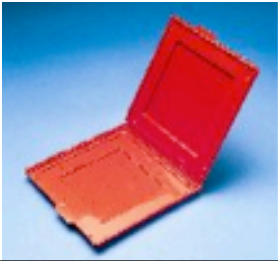
Part Number	Mask Thickness	Material	Color
PM300-CP06	0.060"	PP/IDP	Black
PM300-CP09	0.090"	PP/IDP	Black

## PM400 Series Photomask Compact



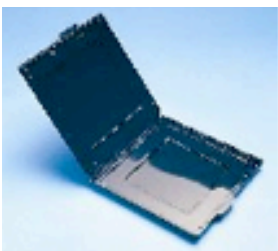
**PM400NP** - Anti-Static Polypropylene. This 4-inch translucent or transparent mask package offers the durability and impact strength of polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM400-NP06	0.060"	Polypropylene	Clear
PM400-NP09	0.090"	Polypropylene	Clear
PM400-NP12	0.120"	Polypropylene	Clear



**PM400ETA** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM400-ETA06	0.060"	PP/IDP	Orange
PM400-ETA19	0.090"	PP/IDP	Orange
PM400-ETA12	0.120"	PP/IDP	Orange



**PM400CP** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM400-CP09	0.060"	PP/IDP	Black
PM400-CP09	0.090"	PP/IDP	Black
PM400-CP09	0.120"	PP/IDP	Black

## PM500 Series Photomask Compact



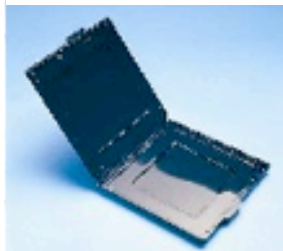
**PM500NP** - Anti-Static Polypropylene. This 5-inch translucent or transparent mask package offers the durability and impact strength of polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM500-NP06	0.060"	Polypropylene	Clear
PM500-NP09	0.09	Polypropylene	Clear
PM500-NP12	0.120"	Polypropylene	Clear



**PM500ETA** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

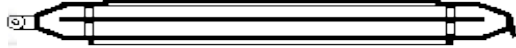
Part Number	Mask Thickness	Material	Color
PM500-ETA06	0.060"	PP/IDP	Orange
PM500-ETA19	0.190"	PP/IDP	Orange
PM500-ETA12	0.120"	PP/IDP	Orange



**PM500CP** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM600-CP09	0.090"	PP/IDP	Black
PM600-CP12	0.120"	PP/IDP	Black
PM600-CP15	0.150"	PP/IDP	Black

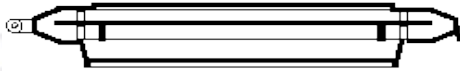
# PL500 Series Photomask Compact



Standard

**PL500 standard** will hold a 5" x 5" x.090" mask without pellice

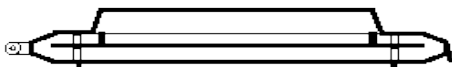
Part number	Material	Static Property
PL500-10009	AS 100 Clear ABS	Anti-Static
PL500-20009	AS 100 Amber ABS	Anti-Static
PL500-30009	ESD Black carbon filled polycarbonate	Static Dissipative
PL500-40009	Clear Bayon	Anti-Static



Bottom Pellice

**PL bottom pellice** will hold a 6" x 6" x.090", .120", .150" or .250" mask with space for a bottom pellice

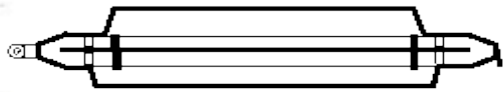
Part number	Material	Static Property
PL500-10109	AS 100 Clear ABS	Anti-Static
PL500-20109	AS 100 Amber ABS	Anti-Static
PL500-30109	ESD Black carbon filled polycarbonate	Static Dissipative
PL500-40109	Clear Bayon	Anti-Static



Top Pellice

**PL standard** will hold a 6" x 6" x.090", .120", .150" or .250" mask with space for top pellice

Part number	Material	Static Property
PL500-11009	AS 100 Clear ABS	Anti-Static
PL500-21009	AS 100 Amber ABS	Anti-Static
PL500-31009	ESD Black carbon filled polycarbonate	Static Dissipative
PL500-41009	Clear Bayon	Anti-Static

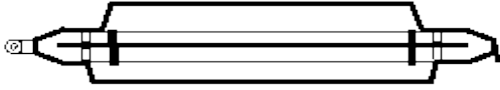


Top and bottom pellice

**PL standard** will hold a 6" x 6" x.090", .120", .150" or .250" mask with space for top and bottom pellice

Part number	Material	Static Property
PL500-11109	AS 100 Clear ABS	Anti-Static
PL500-21109	AS 100 Amber ABS	Anti-Static
PL500-31109	ESD Black carbon filled polycarbonate	Static Dissipative
PL500-41109	Clear Bayon	Anti-Static

## PL655 Series Photomask Compact



Top and bottom pellicle 5" x 5"

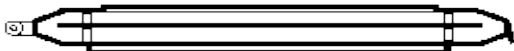
**PL655 top and bottom pellicle** will hold a 5" x 5" x .090" mask with top and bottom pellicle, stackable



5" Mask

Part Number	Material	Static Property
PL655-11109	AS 100 Clear ABS	Anti-Static
PL655-21109	AS 100 Amber ABS	Anti-Static
PL655-31109	ESD Black carbon filled polycarbonate	Static Dissipative
PL655-41109	Clear Bayon	Anti-Static

## PL900



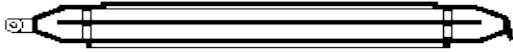
Standard

**PL900** will hold a 9" x 9" x .120", .220" or .350" mask without pellicle



Part Number	Material	Static Property
PL900-20012	AS 100 Amber ABS	Anti-Static
PL900-40012	AS 100 Clear ABS	Anti-Static
PL900-20035	AS 100 Amber ABS	Anti-Static
PL900-10012SP	Clear Polycarbonate	

## PL535



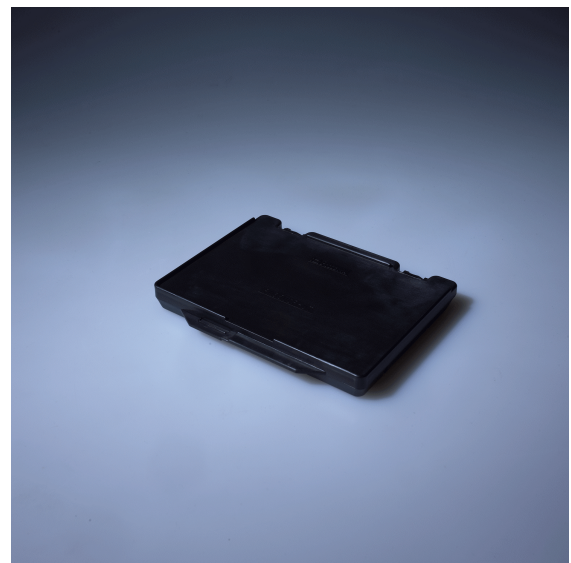
Standard

**PL535** will hold a  
3" x 5" x .090" mask without pellicle

Part Number	Material	Static Property
PL535-10009	AS 100 Clear ABS	Anti-Static
PL535-20009	AS 100 Amber ABS	Anti-Static
PL535-30009	ESD Black carbon filled polycarbonate	Static Dissipative
PL535-40009	Clear Bayon	Anti-Static

## PM350CP-UT

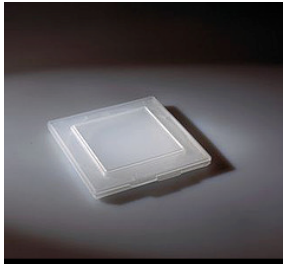
- Secure environment for 3x5 photomask with pellicles
- Black a/s Polypropylene  
Inherently dissipative polymer (IDP) for anti-static properties
- Positive locking latch with Safety Clip Close
- Minimal contact with mask
- Space for wide field guides
- Notched top rib allows for secure stacking
- Precision Cleaned by Pozzetta Micro Clean



PM350CP-UT 3x5  
Photomask Compact



## PM600 Series Photomask Compact



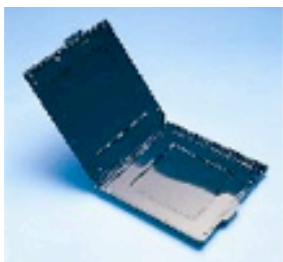
**PM600NP** - Anti-Static Polypropylene. This 6-inch translucent or transparent mask package offers the durability and impact strength of polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM600-NP09	0.090"	Polypropylene	Clear
PM600-NP12	0.120"	Polypropylene	Clear
PM600-NP15	0.150"	Polypropylene	Clear



**PM600ETA** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

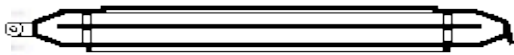
Part Number	Mask Thickness	Material	Color
PM600-ETA09	0.090"	PP/IDP	Orange
PM600-ETA12	0.120"	PP/IDP	Orange
PM600-ETA12	0.150"	PP/IDP	Orange



**PM600CP** - Dissipative thermoplastic polymer blended with Polypropylene. Cleanroom manufactured and packaged in cleanroom bags.

Part Number	Mask Thickness	Material	Color
PM600-CP09	0.090"	PP/IDP	Black
PM600-CP12	0.120"	PP/IDP	Black
PM600-CP15	0.150"	PP/IDP	Black

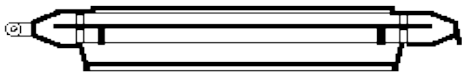
# PL600 Series Photomask Compact



Standard

**PL standard** will hold a 6" x 6" x.090", .120", .150" or .250" mask without pellice

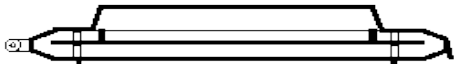
Part number	Material	Static Property
PL600-100xx	AS 100 Clear ABS	Anti-Static
PL600-200xx	AS 100 Amber ABS	Anti-Static
PL600-300xx	ESD Black carbon filled polycarbonate	Static Dissipative
PL600-400xx	Clear Bayon	Anti-Static



Bottom Pellice

**PL bottom pellice** will hold a 6" x 6" x.090", .120", .150" or .250" mask with space for a bottom pellice

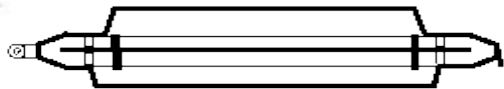
Part number	Material	Static Property
PL600-101xx	AS 100 Clear ABS	Anti-Static
PL600-201xx	AS 100 Amber ABS	Anti-Static
PL600-301xx	ESD Black carbon filled polycarbonate	Static Dissipative
PL600-401xx	Clear Bayon	Anti-Static



Top Pellice

**PL standard** will hold a 6" x 6" x.090", .120", .150" or .250" mask with space for top pellice

Part number	Material	Static Property
PL600-110xx	AS 100 Clear ABS	Anti-Static
PL600-210xx	AS 100 Amber ABS	Anti-Static
PL600-310xx	ESD Black carbon filled polycarbonate	Static Dissipative
PL600-410xx	Clear Bayon	Anti-Static



Top and bottom pellice

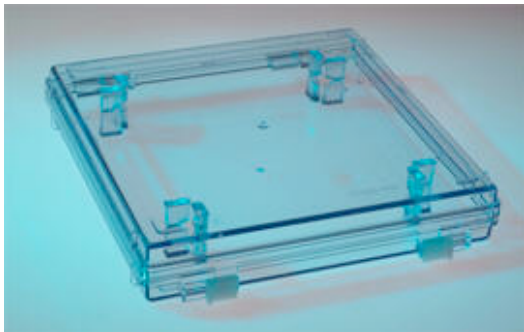
**PL standard** will hold a 6" x 6" x.090", .120", .150" or .250" mask with space for top and bottom pellice

Part number	Material	Static Property
PL600-111xx	AS 100 Clear ABS	Anti-Static
PL600-211xx	AS 100 Amber ABS	Anti-Static
PL600-311xx	ESD Black carbon filled polycarbonate	Static Dissipative
PL600-411xx	Clear Bayon	Anti-Static

## PZT Series Photomask Compact

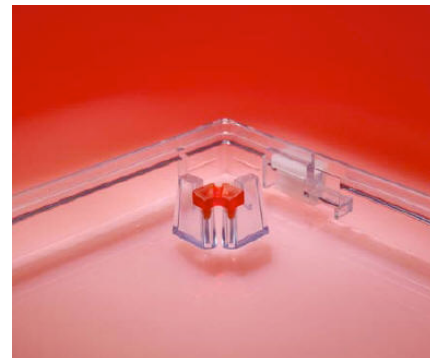
The PZT series photomask package creates a secure environment for photomasks and reticles with pellicles. The compact securely positions and protects the mask with minimal contact. Features include: slide action latch, long life hinges, stackable, easy open and close, and excellent access for insertion or removal of masks. Available in a variety of materials. Cleanroom manufactured and packaged by Pozzetta Micro Clean.

6" Mask



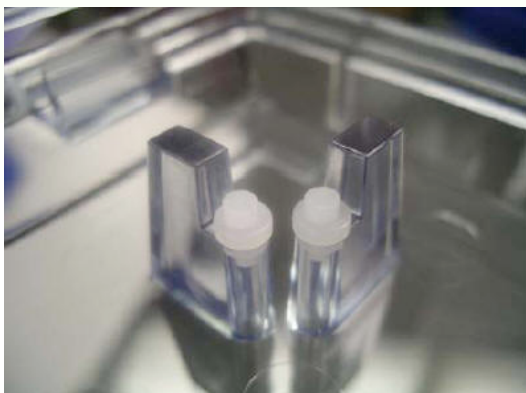
PZT600-41125AU

- 6 x 6 x .250 mask
- Built in edge support for minimum mask contact
- Clear anti-static bayon
- Angled standoff for strength and cleanliness



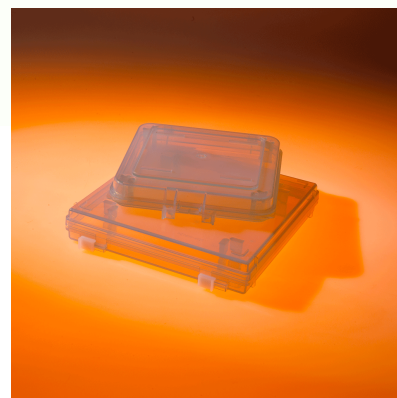
PZT600-41125ES

- 6 x 6 x .250 mask
- Amber Bayon edge support pins for easy locating
- Clear anti-static bayon



PZT600-41125

- 6 x 6 x .250 mask
- HDPE support pins
- Clear anti-static bayon



PZT600-71125AU

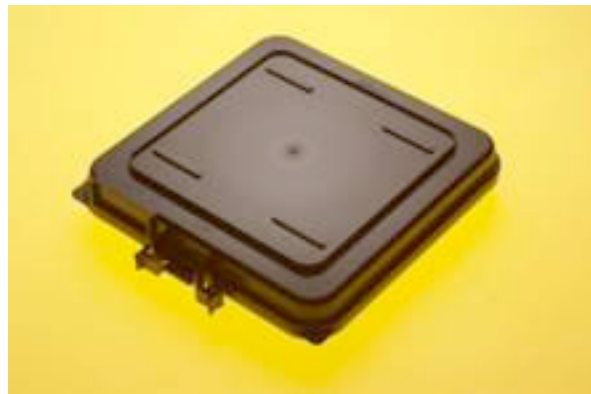
- 6 x 6 x .250 mask
- Built in edge support for minimum mask contact
- Clear Olefin Copolymer
- Angled standoff for strength and cleanliness

## PLS Series Photomask Compact

The PLS series photomask package creates a sealed, secure environment for photomasks and reticles with pellicles. The compact securely positions and protects the mask with minimal contact. Features include: positive locking latch, seal gasket, removable labels, long life hinges, stackable, easy open and close, and excellent access for insertion or removal of masks. Available in ESD399 black carbon filled polycarbonate, and clear Bayon. Cleanroom manufactured and packaged.



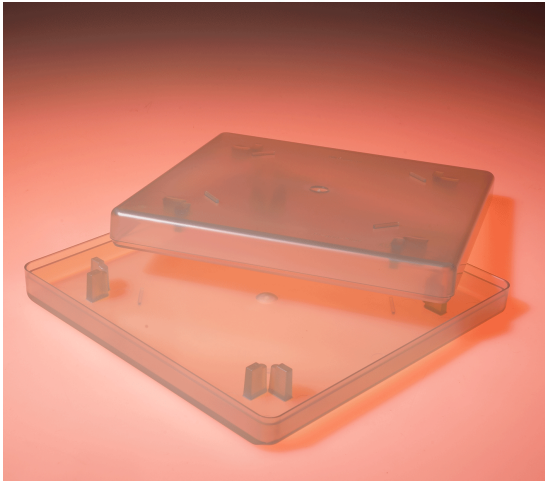
PLS600-41125AU



PLS600-31125AU

PLS600-11125AU	6x6x.250 mask	Clear anti-static ABS, built in edge support, gasket seal
PLS600-31125AU	6x6x.250 mask	Black Polycarbonate, anti-static, built in edge support, gasket seal
PLS600-31125	6x6x.250 mask	Black Polycarbonate, anti-static , molded-in standoff pins, gasket seal
PLS600-31112	6x6x.120 mask	Black Polycarbonate, anti-static, molded-in standoff pins, gasket seal
PLS655-31109	5x5x.090 mask	Black Polycarbonate, anti-static, molded-in standoff pins, gasket seal
PLS655-31109AU	5x5x.090 mask	Black Polycarbonate, anti-static, built in edge support, gasket seal
PLS600-41125AU	6x6x.250 mask	Clear anti-static Bayon, built in edge supports, gasket seal
PLS600-41125	6x6x.250 mask	Clear anti-static Bayon, molded-in standoff pins, gasket seal
PLS600-41112	6x6x.120 mask	Clear anti-static Bayon, molded-in standoff pins, gasket seal
PLS655-41109AU	5x5x.090 mask	Clear anti-static Bayon, molded-in standoff pins, gasket seal
PLS600-71125AU	6x6x.250 mask	Blue Olefin, anti-static, built in edge support, gasket seal

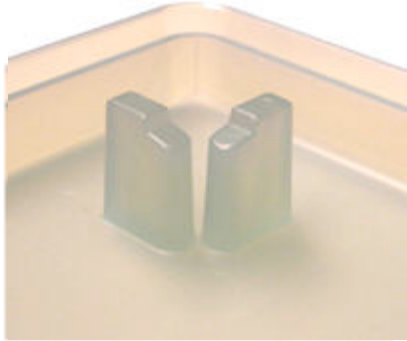
P1



The P1 individual mask box is engineered to provide a secure environment for a 6" square mask with low particle generation, easy to clean, design features.

Part Number	Mask Thickness	Material	Static Property
P1-600-71125AU	6x6x.250	Olefin	Anti-static
P1-600-51125AU	6x6x.250	Clear Bayon	Anti-static

- No latch, no hinge design for low particle generation
- Easy to clean due to less internal components
- Angled standoffs securely hold each photomask without touching the mask surface leaving no marks or abrasions
- Single material design. By not using more than one material in each box we reduce outgassing variables
- Precision cleaning by Pozzetta Micro Clean delivers you a cleaner part



One piece angled standoff

P2



The P2 individual mask box is engineered to provide a secure environment for a 6025 with low particle generation, easy to clean, design features

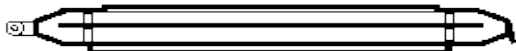
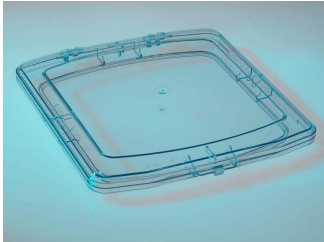
Part Number	Material	Static Property
P2-600-21125AU	AS 100 Amber ABS	Anti-Static
P2-600-41126AU	Clear Bayon	Anti-Static
P2-600-71125AU	Olefin	Anti-Static

- Easy to clean due to less internal components
- Angled standoffs securely hold each photomask without touching the mask surface leaving no marks or abrasions
- Single material design. By not using more than one material in each box we reduce outgasing variables
- Precision cleaning by Pozzetta Micro Clean delivers you a cleaner part



# PH700 Series Photomask Compact

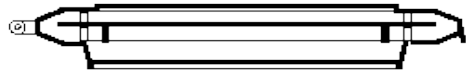
The PH700 package secures both 7" square and 7.25" round packages. All packages securely position and protect masks with minimal contact. Features include: positive locking latch, long life hinges, stackable, easy open and close, and excellent access for insertion or removal of masks. Available in multiple materials. Clean room manufactured and packaged.



Standard

**PH700 standard** will hold a 7" square or 7.25" round x.120" or .150" mask without pellicle

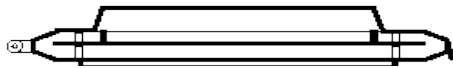
Part Number	Material	Static Property
PH700-200xx	AS 100 Amber ABS	Anti-Static
PH700-400xx	Clear Bayon	Anti-Static



Bottom Pellicle

**PH700 bottom pellicle** will hold a 7" square or 7.25" round x.120" or .150" mask with space for a bottom pellicle

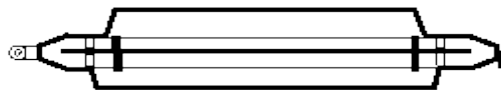
Part Number	Material	Static Property
PH700-201xx	AS 100 Amber ABS	Anti-Static
PH700-401xx	Clear Bayon	Anti-Static



Top Pellicle

**PH700 top pellicle** will hold a 7" square or 7.25" round x.120" or .150" mask with space for a top pellicle

Part Number	Material	Static Property
PH700-210xx	AS 100 Amber ABS	Anti-Static
PH700-410xx	Clear Bayon	Anti-Static

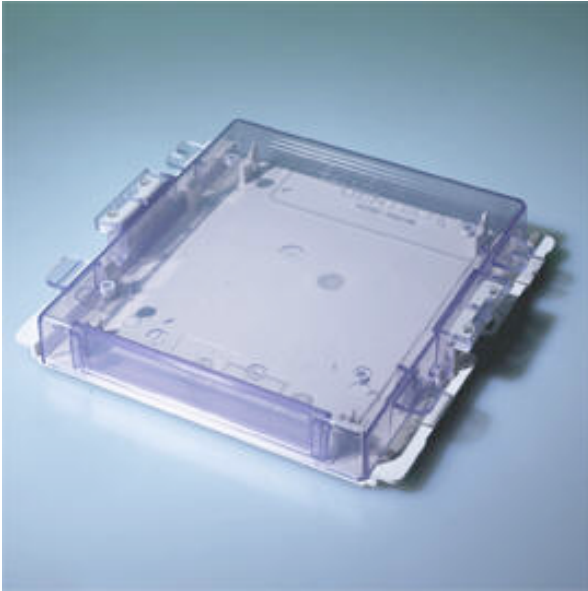


Top and bottom pellicle

**PH700 top pellicle** will hold a 7" square or 7.25" round x.120" or .150" mask with space for a top and bottom pellicle

Part Number	Material	Static Property
PH700-211xx	AS 100 Amber ABS	Anti-Static
PH700-411xx	Clear Bayon	Anti-Static

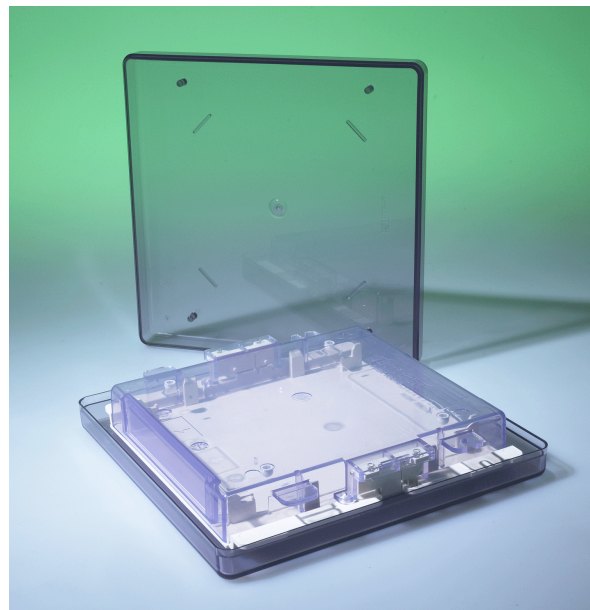
## RC600 Reticle Cassette for Canon Stepper



RC600 Reticle Cassette

- Protects 6 x 6 x .250 photomasks
- Designed to minimize electrostatic discharge. ABS IDP provides permanent ESD protection
- Available with a single or dual latch
- Operates with Canon Steppers automation
- Precision cleaning by Pozzetta Micro Clean delivers you a cleaner

The first innovation to be introduced as a result of the Pozzetta Gentech joint venture is the reticle shipper case (see image 2). The reticle shipper case is designed to securely hold and encapsulate the reticle cassette during shipment. This eliminates shipping reticles in a standard shipping box then switching the reticle into a reticle cassette at the customer's site. As a result of using the reticle stepper case, the reticle has less risk of damage due to handling, stays cleaner and the cost of a standard shipping box is avoided. The new Pozzetta Gentech RS600 reticle shipper case gives mask makers the ability to ship reticles directly to their customers .



RC600 Shipper Case



## RSP Reticle SMIF Pods

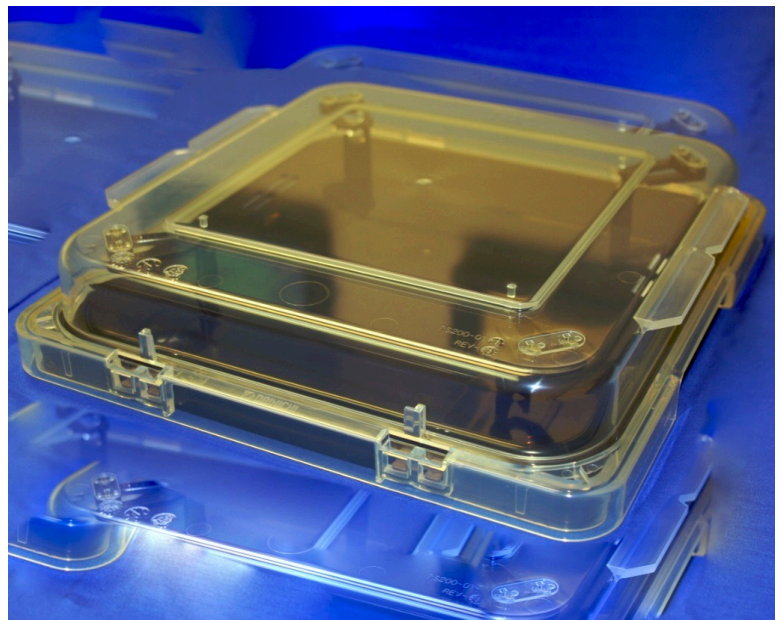


RSP 150 SMIF Pod

- For 6" x 6" x .250" reticle
- Metal free attachment eliminates reticle scratching
- Robotic handling flange with 7 holes for easier manual handling
- Reticle Retainer system provides ESD path to ground and enhanced strength
- Low outgassing polycarbonate reduces the number of outgassing variables.
- Clear PC window provides visibility to inspect reticle location and barcode

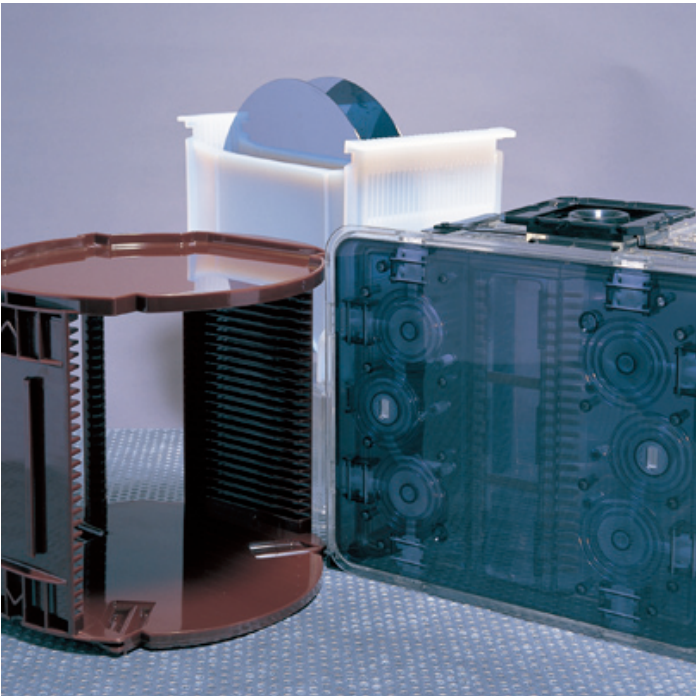
SMIF Pod

- Accommodates 6" x 6" x .250" mask.
- Haze Control: E80 resin has the lowest levels of SO4 and NH4 of any Inherently Dissipative Polymer.
- Door open/close rod mechanism is made of plastic with high sliding performance which reduces particle generation.
- Plastic PEEK screws used for easy disassembly/exchange of parts and easier maintenance of sliding part.
- Proprietary design of reticle support and retainer make contact with only the reticle edge.
- Metal free attachment eliminates reticle scratching.
- Clear shell window provides visibility to inspect reticle location and barcode.



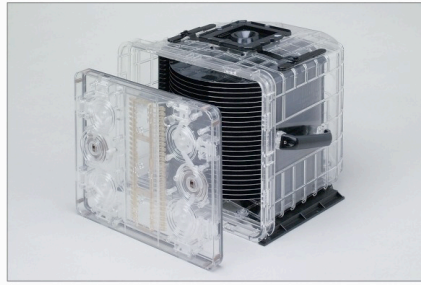
RSP 200 SMIF Pod

# ***Wafer carriers, handles and shipping boxes***



**Dainichi Shoji and Pozzetta are both manufacturers committed to meeting the stringent requirements of our demanding industry. Dainich Shoji incorporates three decades of know-how and experience into the production of close tolerance wafer carriers. Pozzetta is proud to be a Dainichi authorized distributor in the United States because of our shared vision and commitment to helping customers succeed by reducing particles, preventing ESD, reducing outgassing, and reducing costs.**

### 300mm Wafer FOUP



SF300-02

- SEMI standard compliant
- Low particle generation
- Precise construction for interoperability
- Low outgassing materials
- ESD safe wafer supports

Capacity	25
Overall Dimensions	452mm x 353mm x 300mm
Pocket spacing	10mm

### 300mm Wafer Open Cassette

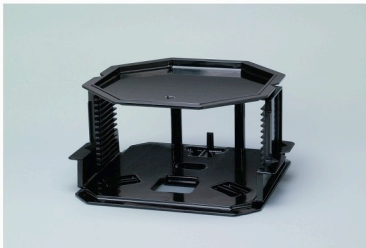


CR300U-02LM-R

- SEMI standard compliant
- Selected materials provide dimensional accuracy and rigidity, less outgassing and heat resistance

Capacity	25
Overall Dimensions	332mm x 310mm x 300mm
Pocket spacing	10mm

### 300mm Wafer Open Cassette

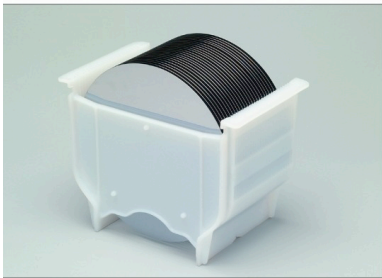


CR300U-03-B3NT

- SEMI standard compliant
- Selected materials provide dimensional accuracy and rigidity, less outgassing and heat resistance

Capacity	13
Overall Dimensions	330mm x 330mm x 186mm
Pocket spacing	10mm

### 300mm Wafer Cassette

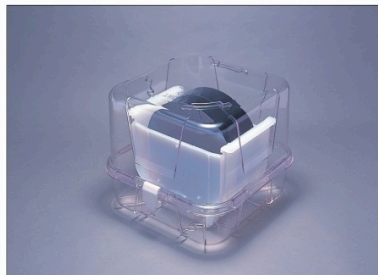


CR300L-01LF

- PFA material
- Designed for use in spin-rinse dryer
- Low profile design allows for wafer exposure
- Precise construction for interoperability
- Enhanced stability for horizontal wafer handling

Capacity	25
Overall Dimensions	350mm x 217mm x 260mm
Pocket spacing	7mm
Pocket Flat	2mm

### 300mm Wafer Cassette Storage Box

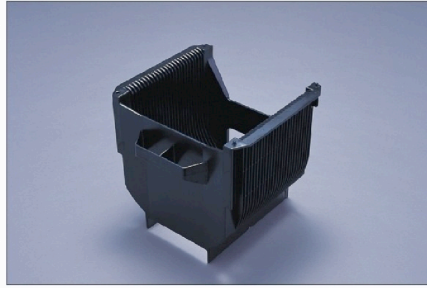


- Holds 1 CR300L-01LF PFA cassette or CR300U-02LM-R
- Holds cassette at 5 degree angle from horizontal
- Clear polycarbonate
- dual latches securely close box

Overall Dimensions	420mm x 420mm x 370mm
Material	Polycarbonate

300mm

### Bishop 3 (Conductive high performance resin)



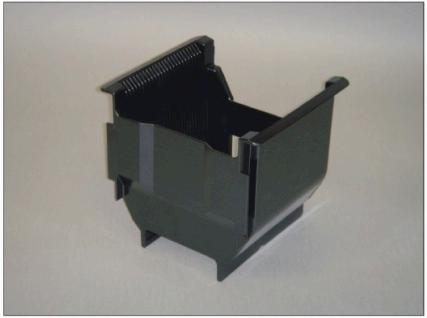
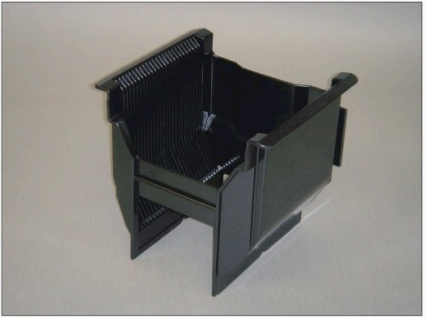
CR200A-02B3-H

#### • 200mm

- H-Shaped end wall for equipment interface
- E-Shaped handle on end wall
- Wash slots in side walls
- Excellent heat resistance and rigidity

Capacity	25
Overall Dimensions	234mm x 203mm x 219mm
Pocket spacing	6.35mm
Pocket Flat	2.0mm

### PEEK +CF(Conductive high performance resin)



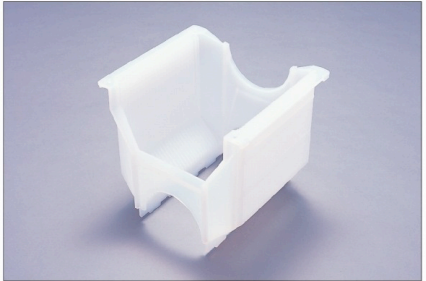
CR200A-09-01W-PKCF

#### • 200mm

- H-Shaped end wall for equipment interface
- Solid end wall
- Wash slots open in bottom half of side walls
- Excellent heat resistance and rigidity
- Additional pocket with flat of 2.17mm for dummy wafer

Capacity	25 + 1
Overall Dimensions	235mm x 209mm x 219mm
Pocket spacing	6.35mm
Pocket Flat	3.0mm

### PFA



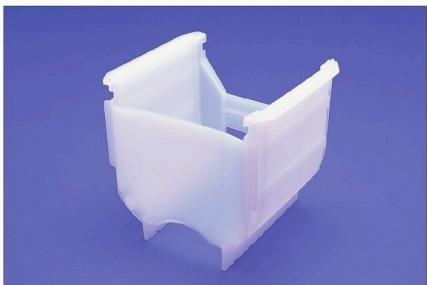
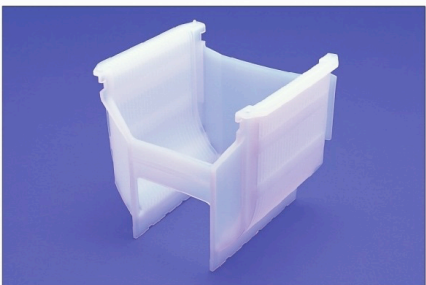
CR200A-AMF

#### • 200mm

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls for cleaning and drying efficiency

Capacity	26
Overall Dimensions	235mm x 208mm x 215mm
Pocket spacing	6.35mm
Pocket Flat	2.0mm

### PFA



CR200G-01LF

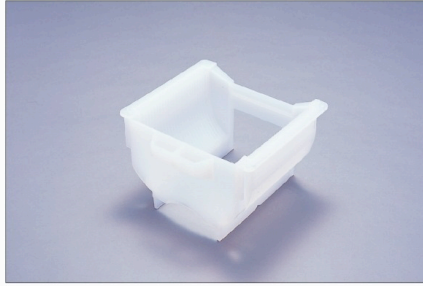
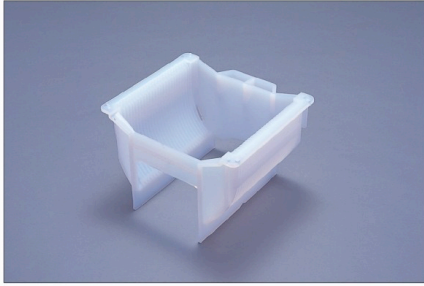
#### • 200mm

- H-Shaped end wall for equipment interface
- Solid end wall
- Wash slots in side walls for cleaning and drying efficiency

Capacity	25
Overall Dimensions	234mm x 203mm x 219mm
Pocket spacing	6.35mm
Pocket Flat	1.8mm

200mm

**PFA**

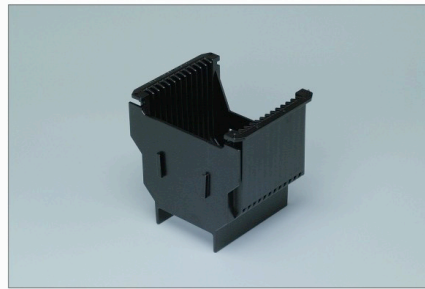
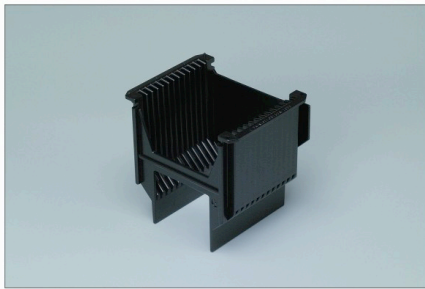


CR200L-01LF-H

- **200mm**
- H-Shaped end wall for equipment interface
- E-Shaped handle on end wall
- Wash slots in end walls

Capacity	25
Overall Dimensions	234mm x 203mm x 219mm
Pocket spacing	6.35mm
Pocket Flat	1.8mm

**Bishop 3 (Conductive high performance resin)**



CR200F-10-02-B8-EX - REDUCED CAPACITY

- **200mm**
- H-Shaped end wall for equipment interface
- Wash slots in bottom half of side walls
- Wide Pocket spacing for thick wafers

Capacity	13
Overall Dimensions	235mm x 209mm x 219mm
Pocket spacing	12.8mm
Pocket Flat	

**Antistatic Polypropylene**

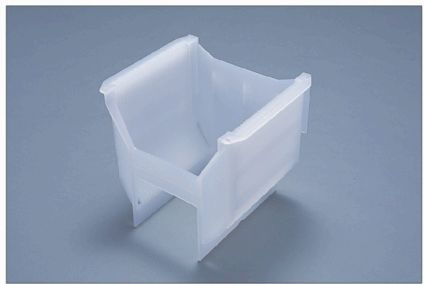


CR200A-APA

- **200mm**
- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in bottom half of side walls

Capacity	26
Overall Dimensions	235mm x 208mm x 215mm
Pocket spacing	6.35mm
Pocket Flat	2.0mm

**Antistatic Polypropylene**



CR200G-02PA-H

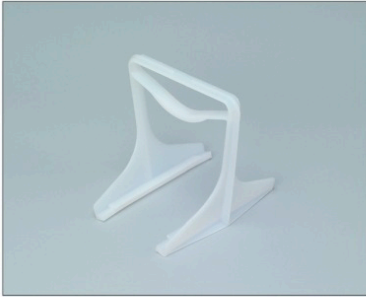
- **200mm**
- H-Shaped end wall for equipment interface
- E-shaped handle on end wall
- Wash slots in bottom half of side walls

Capacity	25
Overall Dimensions	235mm x 203mm x 219mm
Pocket spacing	6.35mm
Pocket Flat	1.8mm

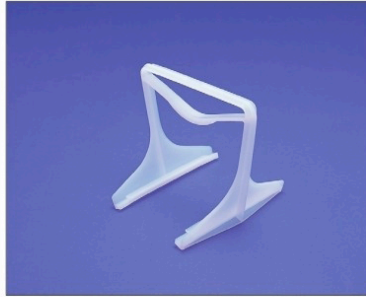
200mm

## 200mm Handles

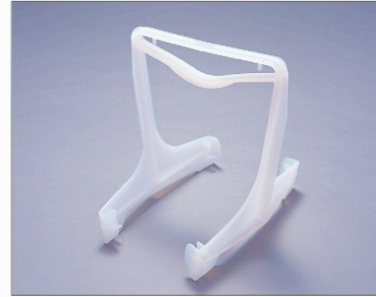
PFA



CH8-3 (L=133)



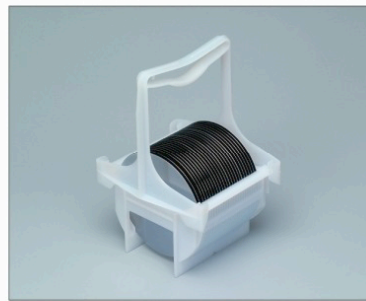
CH8-3L (L=133)



CH200-HP (L=170)



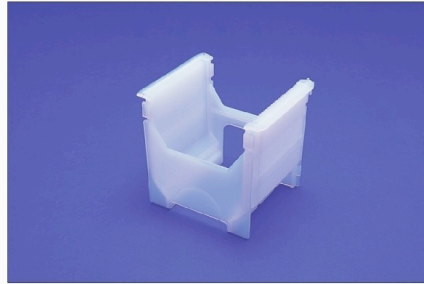
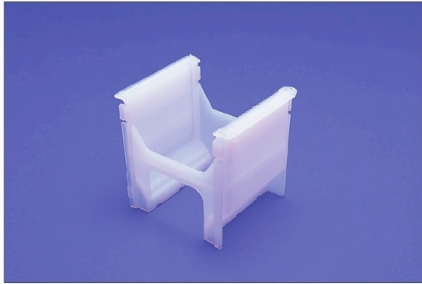
CH8-3L



CH200-HP

200mm

PFA



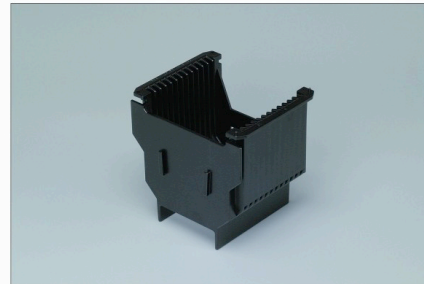
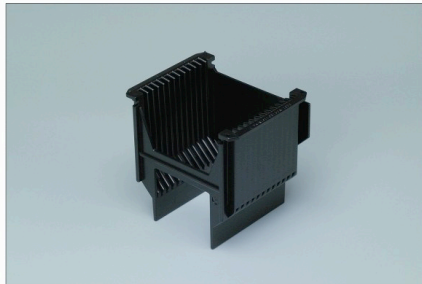
CR150A-CLF

• **150mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in end walls

Capacity	25
Overall Dimensions	1784mm x 143mm x 164mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

**Bishop 3 (Conductive high performance resin)**



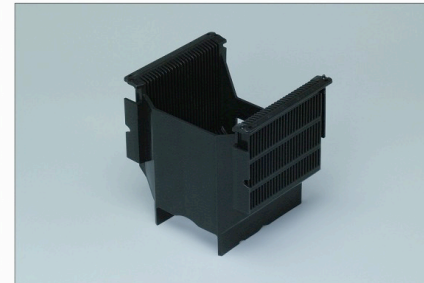
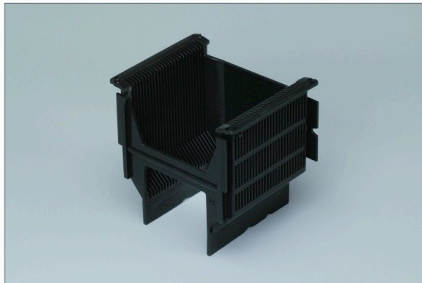
CR150A-10B3-CW

• **150mm**

- H-Shaped end wall for equipment interface
- Wash slots in bottom half of side walls
- Wide Pocket spacing for thick wafers
- Excellent heat resistance for high temperature use
- Card holder on solid end wall

Capacity	12
Overall Dimensions	177mm x 5mm x 144mm
Pocket spacing	3.81mm
Pocket Flat	??

PFA



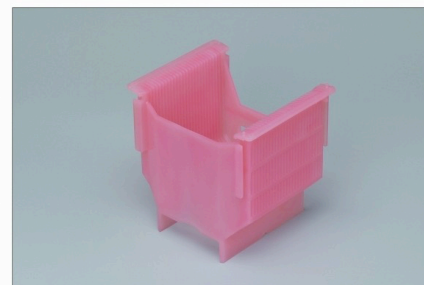
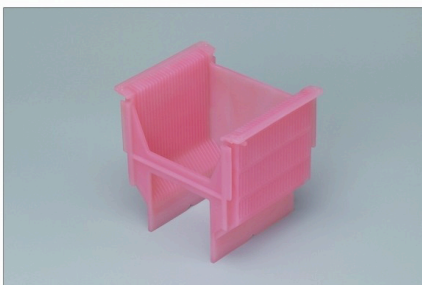
CR150A-04LI

• **150mm**

- H-Shaped end wall for equipment interface
- Wash slots in side walls for cleaning and drying
- Robotic flanges on solid end wall

Capacity	25
Overall Dimensions	178mm x 143mm x 171mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



CR150A-04LF-

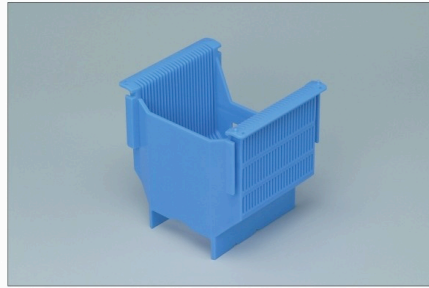
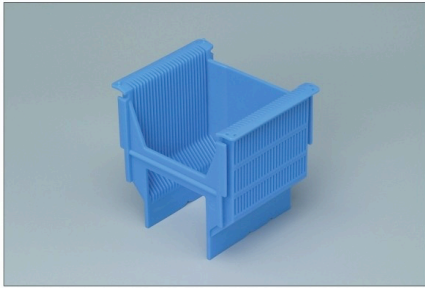
• **150mm**

- H-Shaped end wall for equipment interface
- Wash slots in side walls for cleaning and drying
- Solid end wall

Capacity	25
Overall Dimensions	178mm x 143mm x 171mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

150mm

PFA



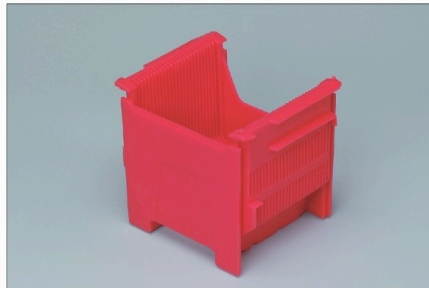
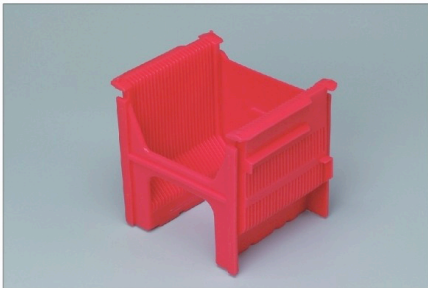
CR150A-04LF-1F

• 150mm

- H-Shaped end wall for equipment interface
- Wash slots in side walls for cleaning and drying
- Solid end wall

Capacity	25
Overall Dimensions	178mm x 143mm x 171mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



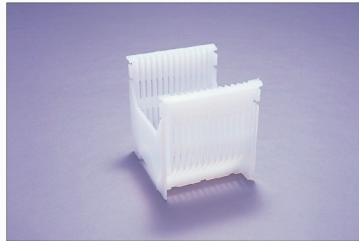
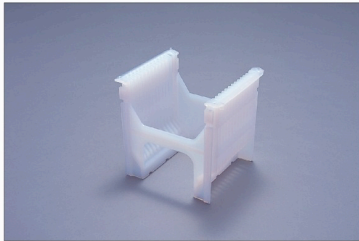
CR150A-OL

• 150mm

- H-Shaped end wall for equipment interface
- Wash slots in side walls for cleaning and drying
- Solid end wall

Capacity	25
Overall Dimensions	178mm x 143mm x 165mm
Pocket spacing	4.76mm
Pocket Flat	1.3mm

PFA



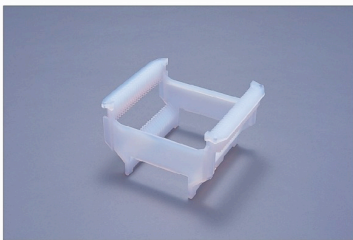
CR150A-DMF / CR150A-EMF

• 150mm

- H-Shaped end wall for equipment interface
- U-Shaped end wall
- Wash slots in side walls for cleaning and drying

	CR150A-DMF	CR150A-EMF
Capacity	12	20
Overall Dimensions	178mm x 143mm x 164mm	178mm x 143mm x 164mm
Pocket spacing	9.19mm	6.00mm
Pocket Flat	3.4mm	2.5mm

PFA



CR150L-ALF

CR150L-ALF

CR150L-ALF / CR150L-01LF

• 150mm

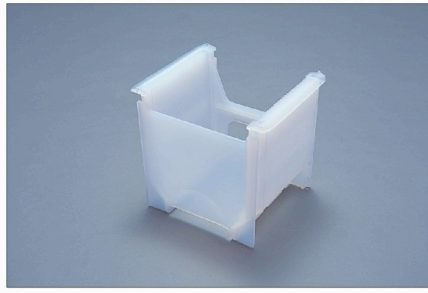
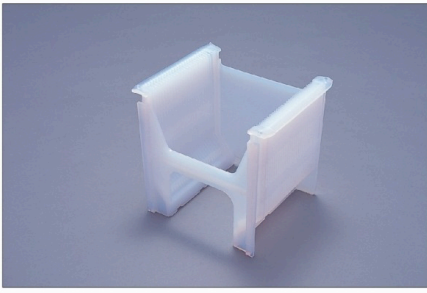
- H-Shaped end wall for equipment interface
- Open side wall for increased cleaning and drying efficiency
- Light weight for Easy handling

	CR150L-ALF	CR150L-01LF
Capacity	25	26
Overall Dimensions	178mm x 147mm x 106mm	178mm x 147mm x 106mm
Pocket spacing	4.76mm	4.76mm
Pocket Flat	1.00mm	1.00mm

150mm



PFA



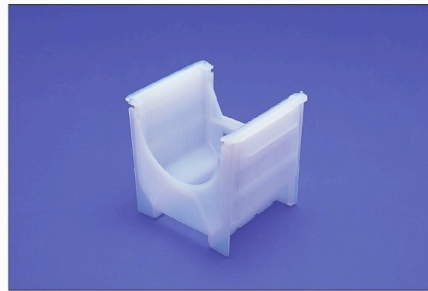
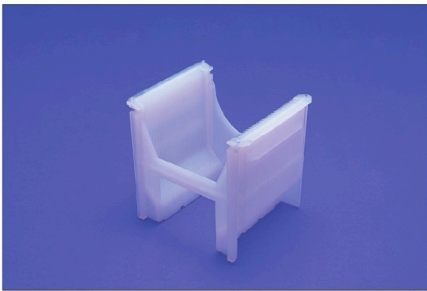
CR150A-PMF

• **150mm**

- H-Shaped end wall for equipment interface
- Solid end wall
- Wash slots in side walls for cleaning and drying

Capacity	25
Overall Dimensions	178mm x 144mm x 164mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



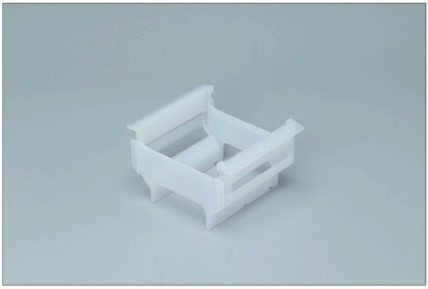
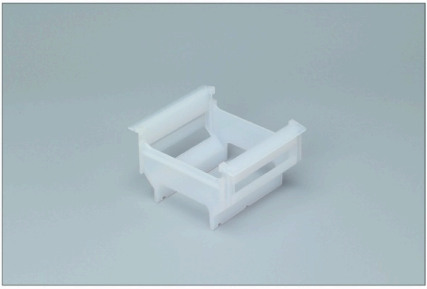
CR150A-RMF

• **150mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side wall for cleaning and drying

Capacity	25
Overall Dimensions	178mm x 144mm x 165mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



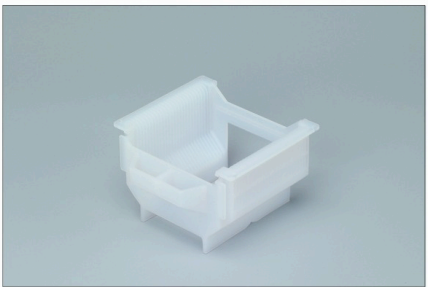
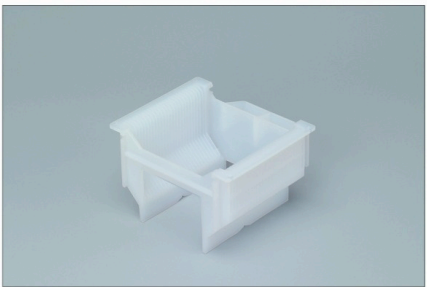
CR150L-03LF-V

• **150mm**

- H-Shaped end wall for equipment interface
- Open side walls for increased cleaning and drying efficiency
- Half Pocket spacing for 50 wafer handling

Capacity	50
Overall Dimensions	178mm x 143.5mm x 106mm
Pocket spacing	2.38mm
Pocket Flat	0.80mm

PFA



CR150L-06H-LF

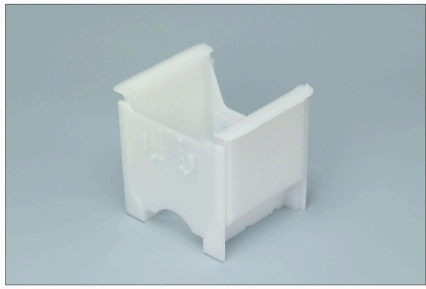
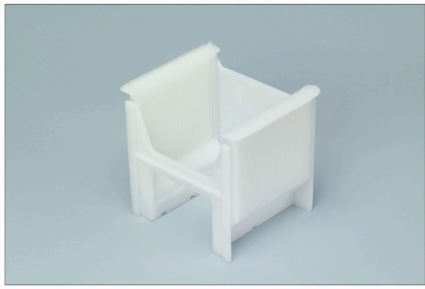
• **150mm**

- H-Shaped end wall for equipment interface
- Open side walls for increased cleaning and drying efficiency
- E shaped handle on end wall

Capacity	26
Overall Dimensions	178mm x 148mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.40mm

150mm

**Antistatic Polypropylene**



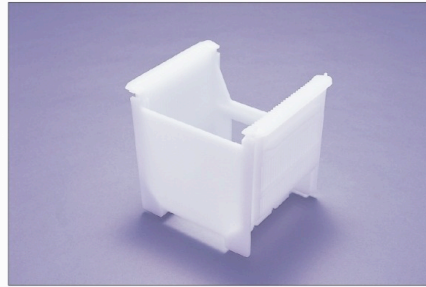
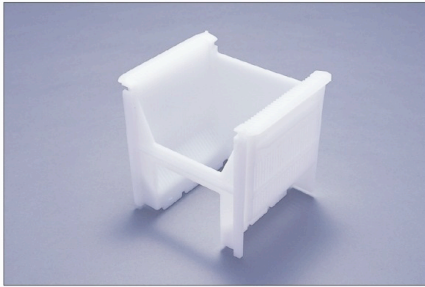
CR150A-EPA

• **150mm**

- H-Shaped end wall for equipment interface
- Solid End Wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	178mm x 143mm x 135mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

**Antistatic Polypropylene**



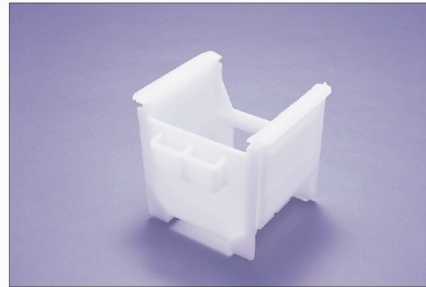
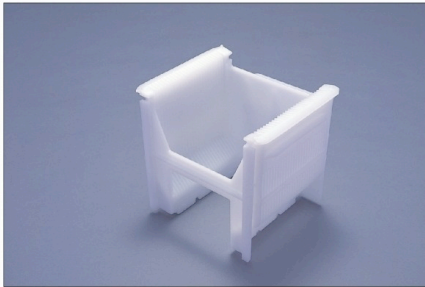
CR150A-FPA

• **150mm**

- H-Shaped end wall for equipment interface
- Solid end wall
- Wash slots in end walls

Capacity	25
Overall Dimensions	178mm x 143mm x 165mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

**Antistatic Polypropylene**



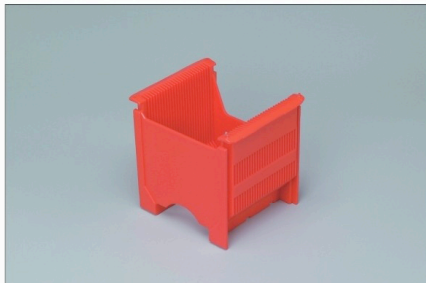
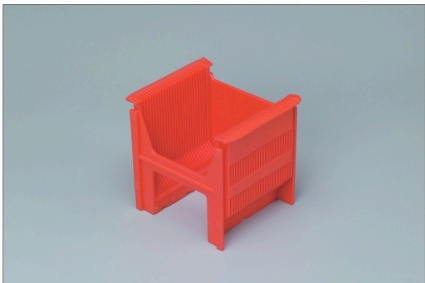
CR150A-GPA

• **150mm**

- H-Shaped end wall for equipment interface
- E-Shaped handle on end wall
- Wash slots in end walls

Capacity	25
Overall Dimensions	178mm x 143mm x 165mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

**Antistatic Polypropylene**



CR150A-MPJ

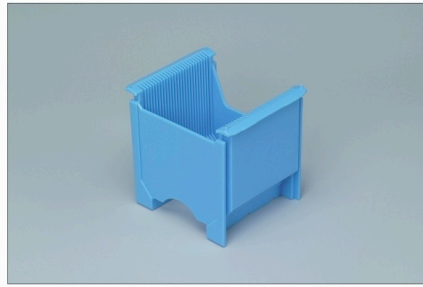
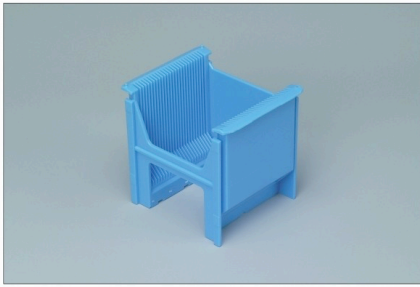
• **150mm**

- H-Shaped end wall for equipment interface
- Solid End Wall
- Wash slots in side walls

Capacity	50
Overall Dimensions	178mm x 143mm x 164mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

150mm

### Antistatic Polypropylene



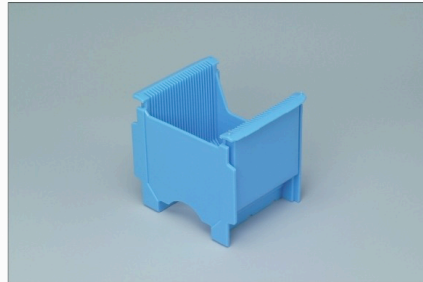
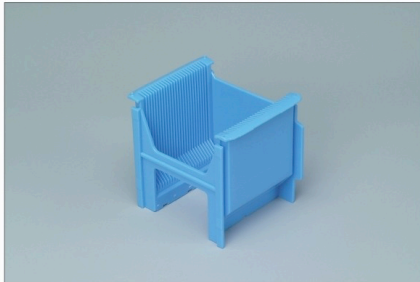
CR150A-MPA-W

#### • 150mm

- H-Shaped end wall for equipment interface
- Solid end walls
- No wash slots in side walls

Capacity	25
Overall Dimensions	178mm x 143mm x 164mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

### Antistatic Polypropylene



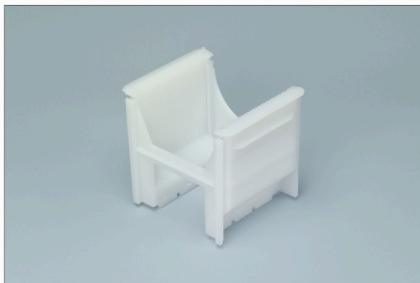
CR150A-MPA-W-

#### • 150mm

- H-Shaped end wall for equipment interface
- Robotic flanges on solid end wall
- Solid end wall
- No wash slots in end walls

Capacity	25
Overall Dimensions	178mm x 143mm x 164mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

### Antistatic Polypropylene



CR150A-PPA

#### • 150mm

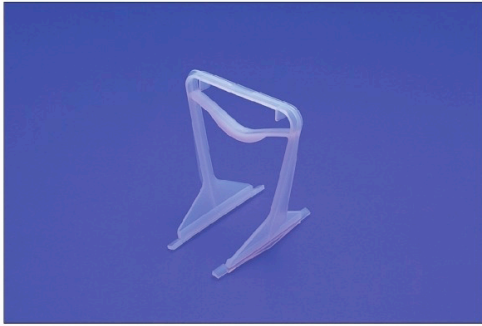
- H-Shaped end wall for equipment interface
- U-Shaped end wall
- Wash slots in end walls

Capacity	25
Overall Dimensions	178mm x 143mm x 165mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

150mm

# 150 mm Handles

PFA



CH6-3 (L=125)



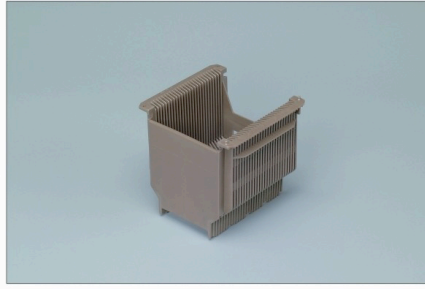
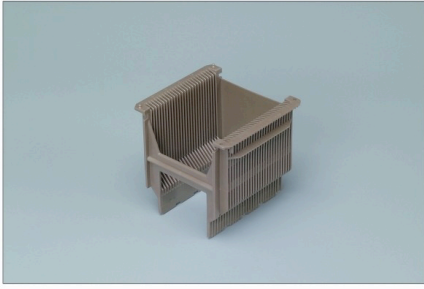
CH6-3L (L=185)



CH6-3

150mm

PEEK



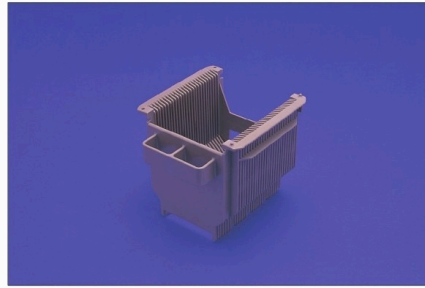
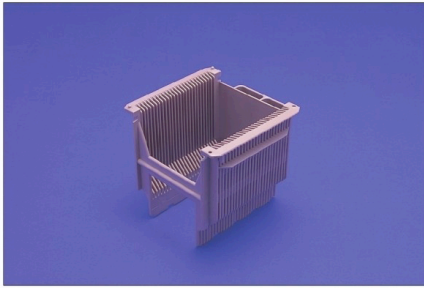
CR125A-CBS

• 125mm

- H-Shaped end wall for equipment interface
- Solid End Wall
- Wash slots in side walls
- Excellent heat resistance and rigidity

Capacity	25
Overall Dimensions	152mm x 144mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PEEK



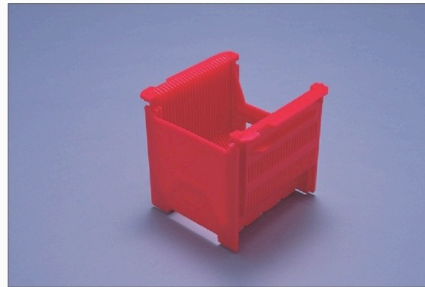
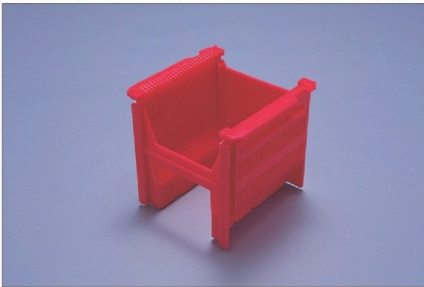
CR125A-CBS-H

• 125mm

- H-Shaped end wall for equipment interface
- E-shaped handle on end wall
- Wash slots in side walls
- Excellent heat resistance and rigidity

Capacity	25
Overall Dimensions	152mm x 144mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



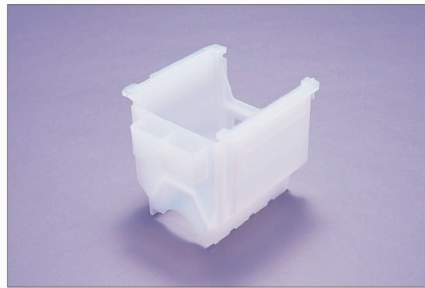
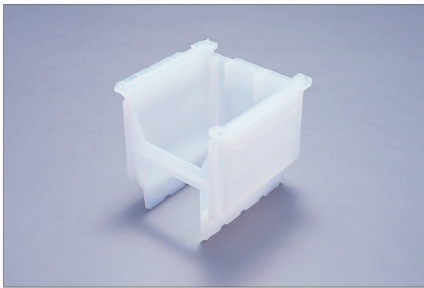
CR125A-AMF

• 125mm

- H-Shaped end wall for equipment interface
- Solid end wall
- Wash slots in end walls

Capacity	25
Overall Dimensions	152mm x 143mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



CR125A-BMF-H

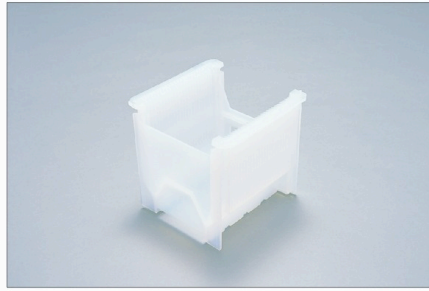
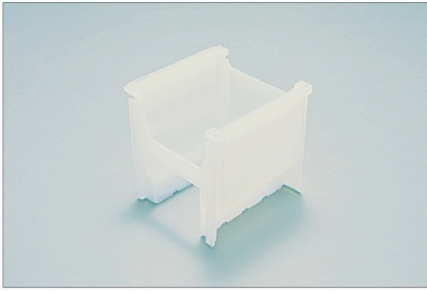
• 125mm

- H-Shaped end wall for equipment interface
- E-shaped handle on end wall
- Wash slots in end walls

Capacity	25
Overall Dimensions	152mm x 143mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

125mm

PFA



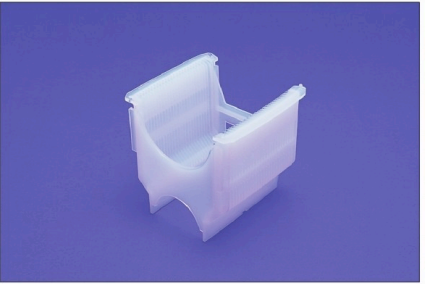
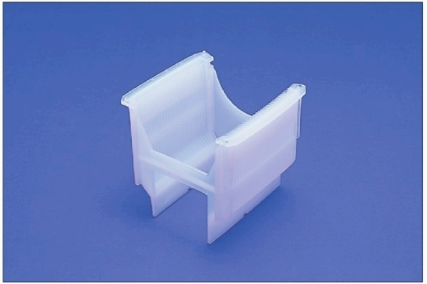
CR125A-HMF

• **125mm**

- H-Shaped end wall for equipment interface
- Solid End Wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	152mm x 1435mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



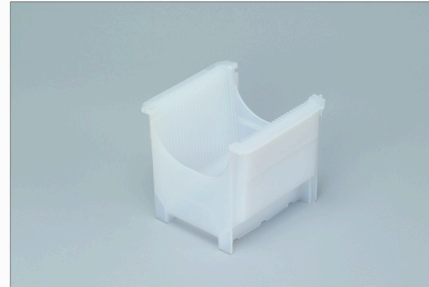
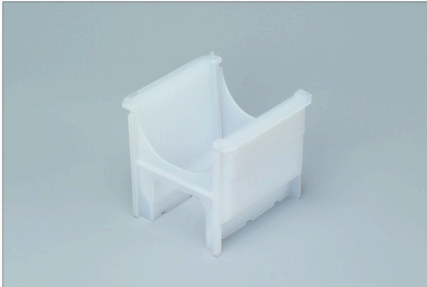
CR125A-JMF

• **125mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	154mm x 143mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



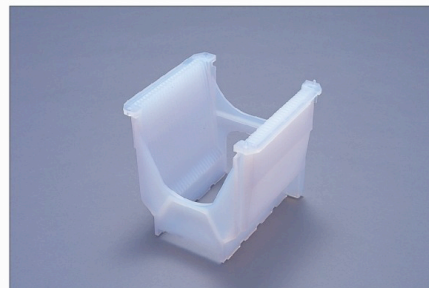
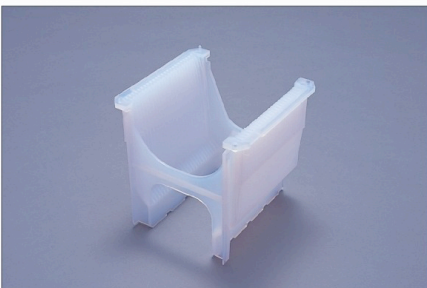
CR125H-MF

• **125mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- No wash slots in side walls

Capacity	25
Overall Dimensions	152mm x 142mm x 138mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



CR125-MMF

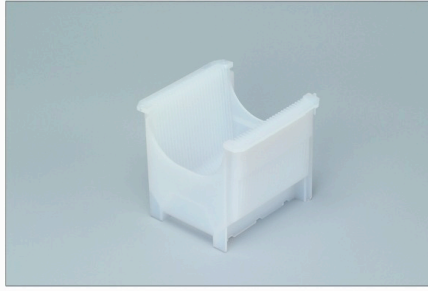
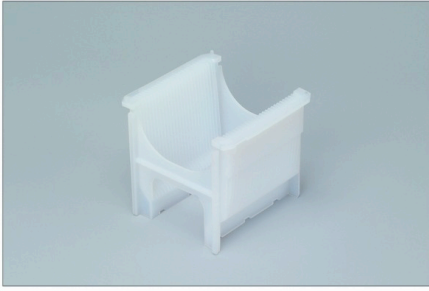
• **125mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	152mm x 142mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.78mm

125mm

PFA



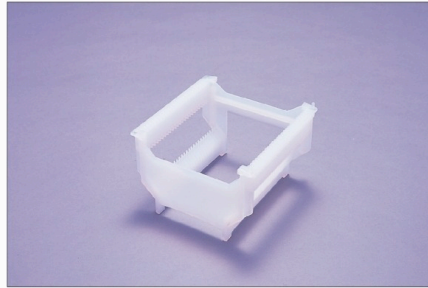
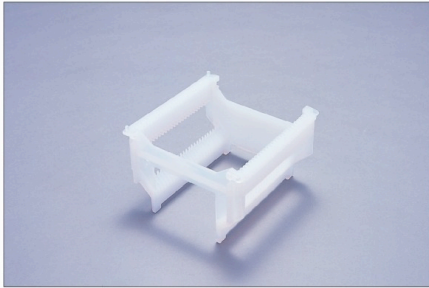
CR125-OMF

• **125mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	153mm x 142mm x 138mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

PFA



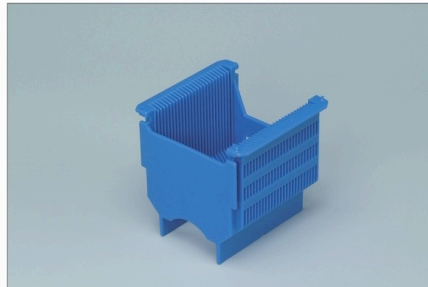
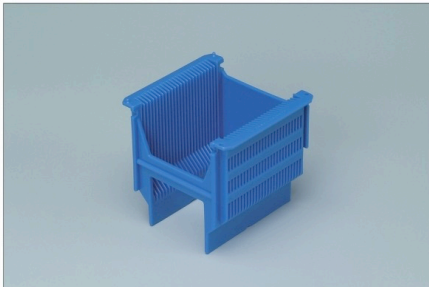
CR125L-26LF

• **125mm**

- H-Shaped end wall for equipment interface
- Open side walls
- Light weight for easy handling

Capacity	26
Overall Dimensions	141 mm x 143mm x 95mm
Pocket spacing	4.76mm
Pocket Flat	1.0mm

Antistatic polypropylene



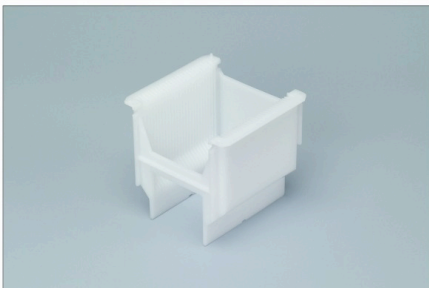
CR125A-PPA

• **125mm**

- H-Shaped end wall for equipment interface
- Solid End wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	152mm x 143mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.53mm

Antistatic polypropylene



CR125A-PPA-1

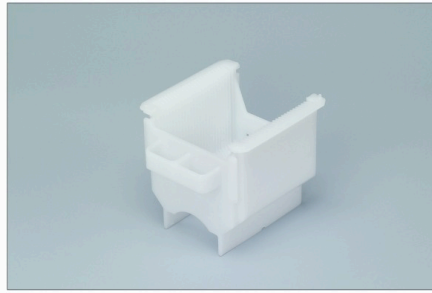
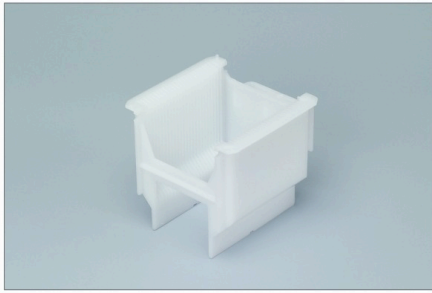
• **125mm**

- H-Shaped end wall for equipment interface
- Solid end wall
- No wash slots in side walls

Capacity	25
Overall Dimensions	152mm x 143mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

125mm

**Antistatic polypropylene**



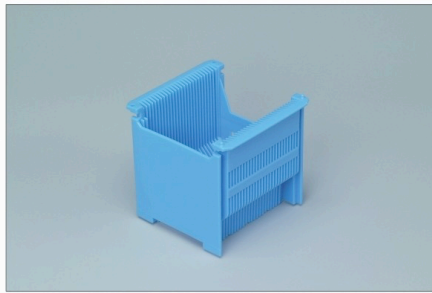
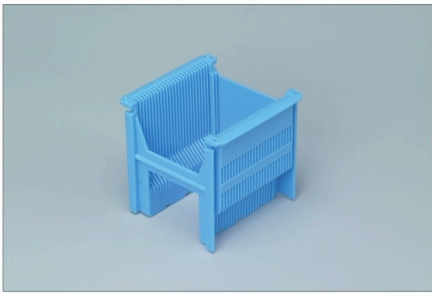
CR125A-PPA-1H

• **125mm**

- H-Shaped end wall for equipment interface
- E-shaped handle on end wall
- No wash slots in side walls

Capacity	25
Overall Dimensions	152mm x 143mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.53mm

**Antistatic polypropylene**



CR125A-08P

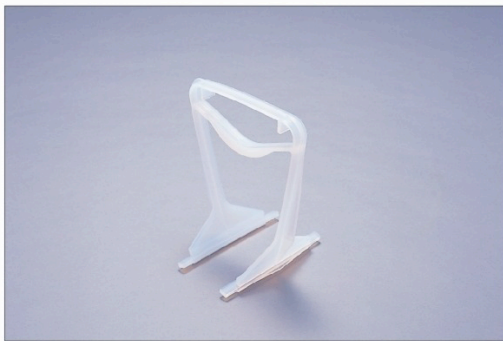
• **125mm**

- H-Shaped end wall for equipment interface
- Wash slots in side walls
- Solid end wall

Capacity	25
Overall Dimensions	152mm x 143mm x 146mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

125mm Handles

**PFA**



CH5-3 (L=125)



CH5-3L (L=164)

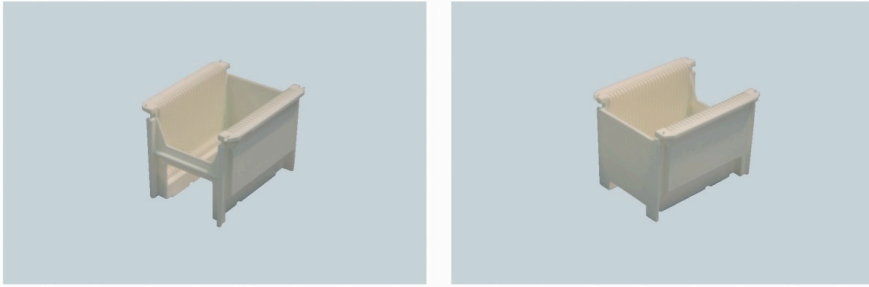


CH5-3L

125mm



## STAT FREE-1(antistatic PBT alloy)



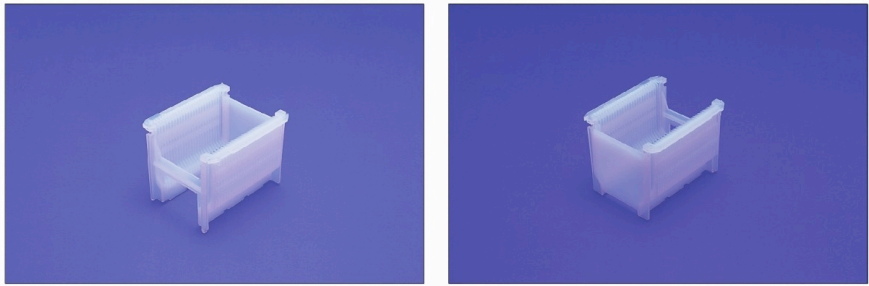
CR100C-02SF

### • 100mm

- H-Shaped end wall for equipment interface
- Solid End wall
- No wash slots in side walls

Capacity	25
Overall Dimensions	126mm x 142mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.80mm

## PFA



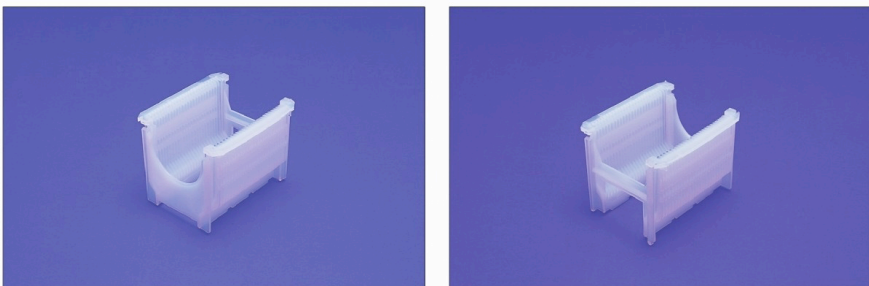
CR100A-AMF

### • 100mm

- H-Shaped end wall for equipment interface
- Solid End wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	125mm x 143mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

## PFA



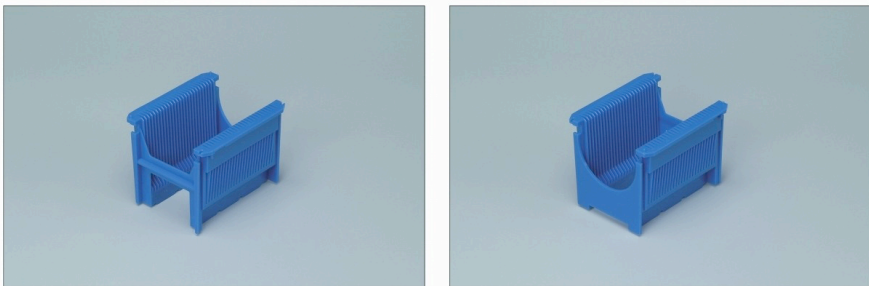
CR100A-DMF

### • 100mm

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	125mm x 143mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

## Antistatic Polypropylene



CR100C-APA (

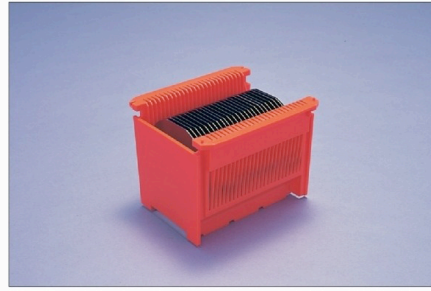
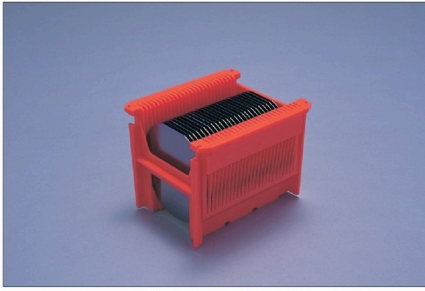
### • 100mm

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	125mm x 142mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

100mm

**Antistatic Polypropylene**



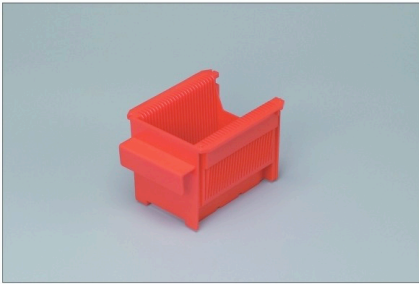
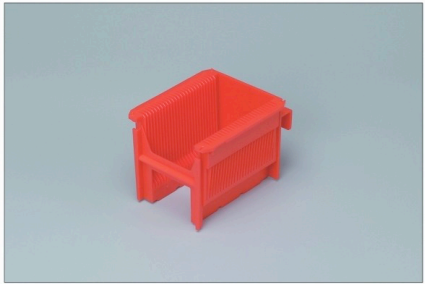
CR100C-CPA

• **100mm**

- H-Shaped end wall for equipment interface
- Solid end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	125mm x 142mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.80mm

**Antistatic Polypropylene**



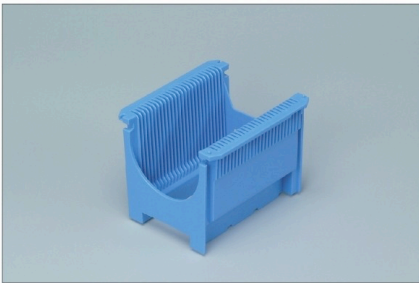
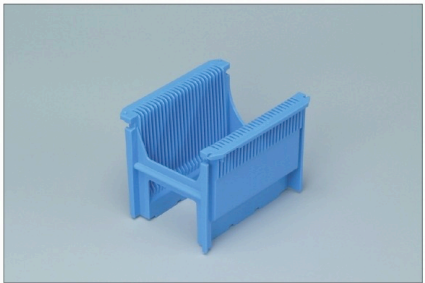
CR100C-DPA (

• **100mm**

- H-Shaped end wall for equipment interface
- Manual handle on end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	125mm x 142mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

**Antistatic Polypropylene**



CR100C-01PA-W (!

• **100mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- No wash slots in side walls

Capacity	25
Overall Dimensions	126mm x 142mm x 114mm
Pocket spacing	4.76mm
Pocket Flat	1.80mm

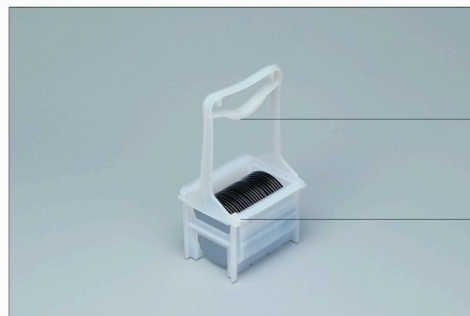
**100mm**

**100mm Handles**

**PFA**

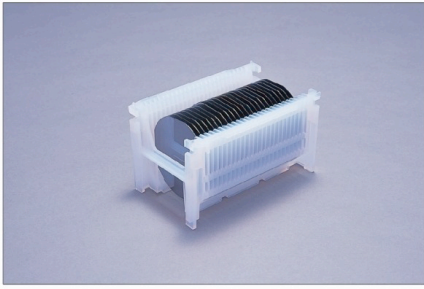


CH4-3 (L=125)



CH4-3

**PFA**



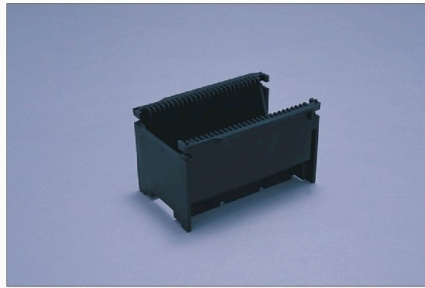
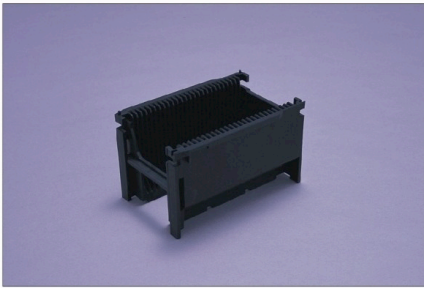
CR75C-01LF

• **75mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	94mm x 142mm x 83mm
Pocket spacing	4.76mm
Pocket Flat	1.80mm

**PFA blended with carbon**



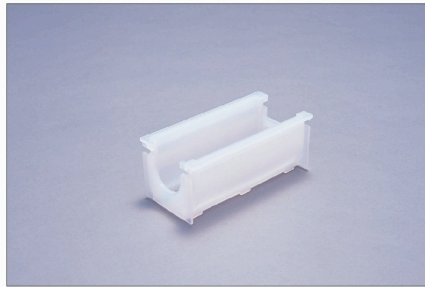
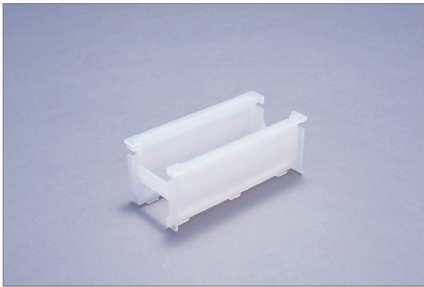
CR75-AFB

• **75mm**

- H-Shaped end wall for equipment interface
- Solid End wall
- No wash slots in side walls

Capacity	25
Overall Dimensions	94mm x 142mm x 83mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

**PFA**



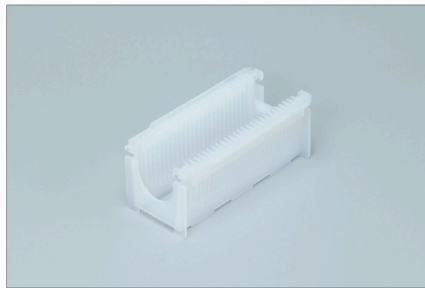
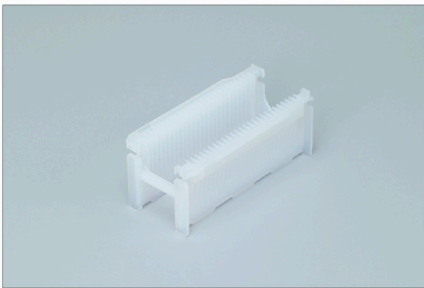
CR055-50-01

• **55mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	50
Overall Dimensions	72mm x 145mm x 60mm
Pocket spacing	2.48mm
Pocket Flat	0.64mm

**PFA**



CR50A-01LF

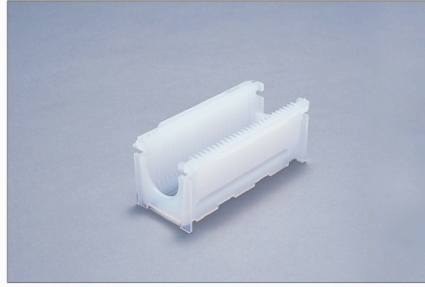
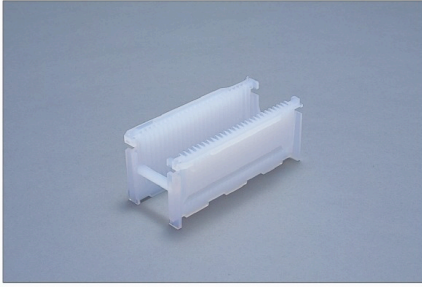
• **50mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	68mm x 143mm x 59mm
Pocket spacing	4.76mm
Pocket Flat	1.02mm

75mm

PFA



CR50C-MF

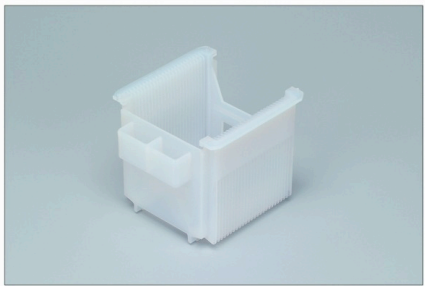
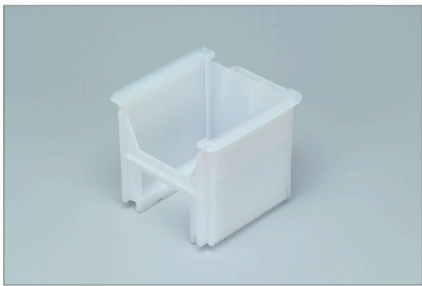
• **50mm**

- H-Shaped end wall for equipment interface
- U-shaped end wall
- No wash slots in side walls

Capacity	25
Overall Dimensions	68mm x 142mm x 59mm
Pocket spacing	4.76mm
Pocket Flat	1.02mm

## Carriers for square substrates

PFA



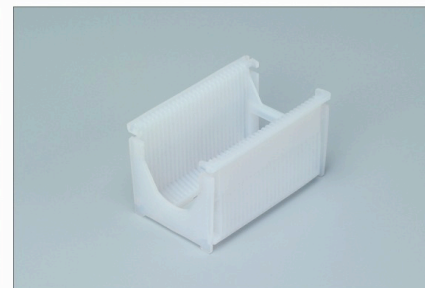
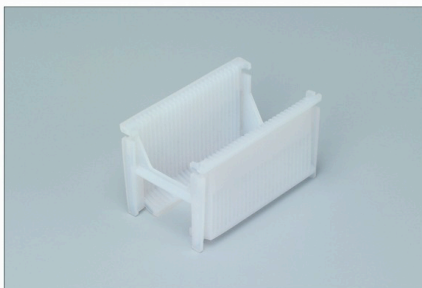
CR125N-MF-WH

• **125mm**

- Accommodates 125mm square substrate
- H-Shaped end wall for equipment interface
- E-shaped handle on end wall
- Wash slots in side walls

Capacity	25
Overall Dimensions	152mm x 143mm x 140mm
Pocket spacing	4.76mm
Pocket Flat	2.38mm

PFA



CR75C-02LF

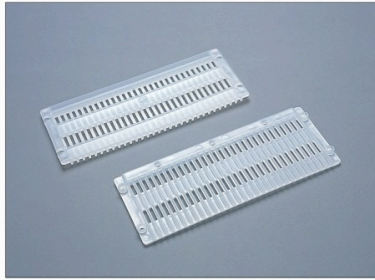
• **80mm**

- Accommodates 80mm square substrates
- H-Shaped end wall for equipment interface
- U-shaped end wall
- Wash slots in side walls

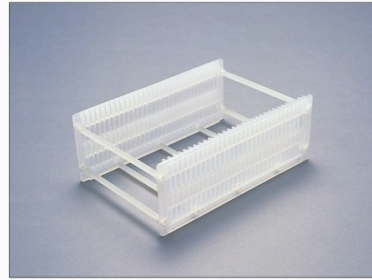
Capacity	25
Overall Dimensions	94mm x 142mm x 85mm
Pocket spacing	4.76mm
Pocket Flat	1.52mm

Square

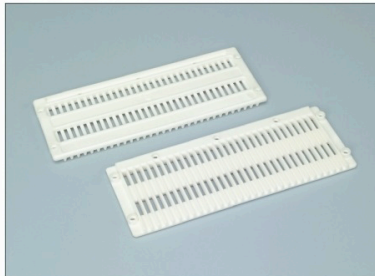
## Side Rail Carrier



**FPA-001-PP**



**Assembly Sample**



**STAT FREE-1 (antistatic PBT alloy)  
(non-std. color sample)**



**Black conductive PEEK  
(non-std color sample)**

- Customizable carrier
- Connecting 2 side rails and spacers allows carrier to accommodate various substrate sizes
- Variety of materials available
- Capacity - 30
- Overall Size 212mm x 82mm

# 200mm Storage boxes



Non-std Color with  
Traveler



Box with Card Case  
BX200-02NV-T



TR200-H6



BX200DS-PA-TR  
(non-std. color sample)

BX200DS-PA-TR Antistatic Polypropylene

BX200DS-PB-TR Conductive Polypropylene

Capacity 1 200mm carrier  
Overall Dimensions 300mm x 300mm x 260mm

- Bottom of box plane at 5 degree angle
- Wafers in the carrier rest on back sides
- Stackable
- TR200-H6 can be attached to box top

**STAT FREE-2 (antistatic ABS alloy)**



BX200-12-C004  
(non-std. color sample)

Capacity 1 200mm carrier  
Overall Dimensions 286mm x 280mm x 259mm

- Bottom of box plane at 4 degree angle
- Wafers in the carrier rest on back sides
- 3 hinges and 1 snap latch on front
- Stackable
- Card holder on top surface of box

**Antistatic Polypropylene**

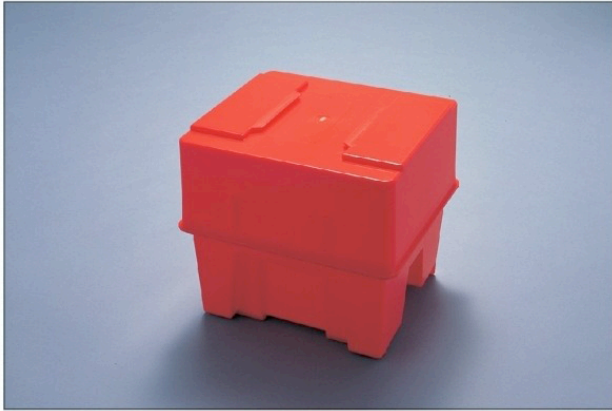


BX200H-PA

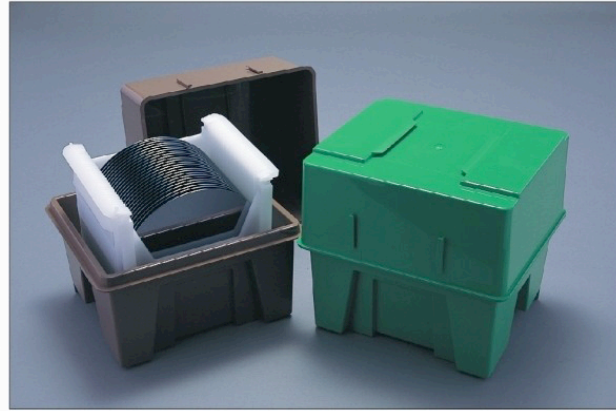
Capacity 1 200mm carrier  
Overall Dimensions 266mm x 270mm x 257mm

- Bottom of box plane at 5 degree angle
- Wafers in the carrier rest on back sides
- 2 hinges and 1 snap latch on front

# 150mm Storage boxes



**BX150-PA**  
Antistatic Polypropylene



**BX150-NV**  
(non-std. color sample  
STAT FREE-2  
(antistatic ABS alloy

Capacity 1 150mm carrier  
Overall Dimensions 216mm x 196mm x 194mm

- Bottom of box plane at 5 degree angle
- Wafers in the carrier rest on back sides
- Separate box top and bottom

## Antistatic Polypropylene



**BX150H-PA**

Capacity 1 150mm carrier  
Overall Dimensions 205mm x 200mm x 190mm

- Bottom of box plane at 5 degree angle
- Wafers in the carrier rest on back sides
- Separate box top and bottom



# 150mm Storage boxes



**BX150-09-C001-PB**  
Conductive Polypropylene

Capacity 1 150mm carrier  
Overall Dimensions 220mm x 228mm x 189mm

- Conductive Polypropylene
- Bottom of box plane at 5 degree angle
- Wafers in the carrier rest on back sides
- 2 hinges and 1 snap latch on front



**BX150W-01-SF**  
STAT FREE-1 (antistatic PBT alloy)

Capacity 2 150mm carrier  
Overall Dimensions 428mm x 249mm x 185mm

- Wafers in the carrier rest on back sides
- 2 hinges
- Stackable



**BX150W-02-PA**  
Antistatic Polypropylene

Capacity 2 150mm carrier  
Overall Dimensions 425mm x 242mm x 209mm

- Bottom of box plane at 5 degree angle
- Wafers in the carrier rest on back sides
- 2 hinges and 2 latches
- Stackable



**BX150W-PA-2F**  
Antistatic Polypropylene

Capacity 2 150mm carrier  
Overall Dimensions 435mm x 250mm x 296mm

- Separate top and bottom cover
- Card holder on top surface of box
- Stackable

# 125mm Storage boxes



**BX125-PA**  
Antistatic Polypropylene



**BX125-NV**  
STAT FREE-1 (Antistatic PBT alloy)

Capacity                      1 125mm carrier  
Overall Dimensions        172mm x 182mm x 165mm

- Bottom of box plane at 5 degree angle
- Wafers in the carrier rest on back sides
- Separate top and bottom cover
- Card holder on top surface of box
- Stackable

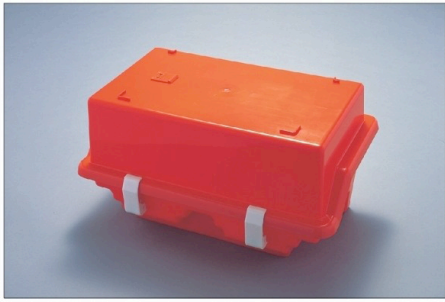


**BX125-03-PA**  
Antistatic Polypropylene

Capacity                      1 125mm carrier  
Overall Dimensions        209mm x 226mm x 205mm

- Bottom of box plane at 13 degree angle
- Wafers in the carrier rest on back sides
- 2 hinges and 1 latch
- Stackable

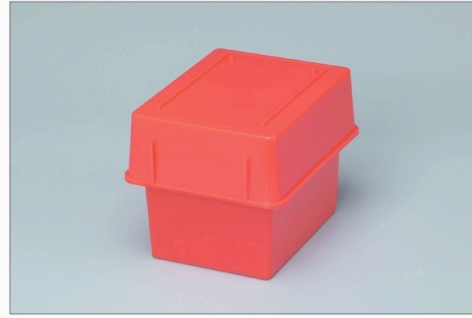
# Storage boxes



**BX125DSW-PA**  
Antistatic Polypropylene

Capacity 1 125mm carrier  
Overall Dimensions 377mm x 237mm x 205mm

- Bottom of box plane at 13 degree angle
- Wafers in the carrier rest on back sides
- 2 hinges and 1 latch
- Stackable

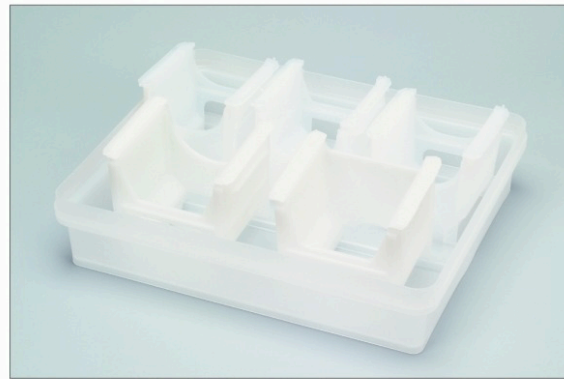


**BX00-PA-P3-P4**  
Antistatic Polypropylene

Capacity 1 100mm carrier  
Overall Dimensions 150mm x 188mm x 138mm

- Separate box top and bottom
- Stackable

## Multiple Wafer Carrier Storage boxes

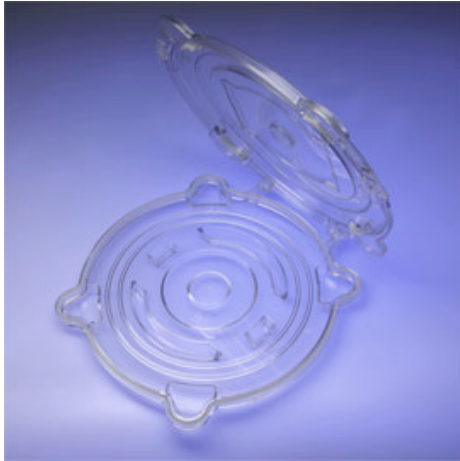


**BX28-PP**

Capacity 6 125mm carriers OR 4 150mm carriers  
Overall Dimensions 510mm x 420mm x 210mm

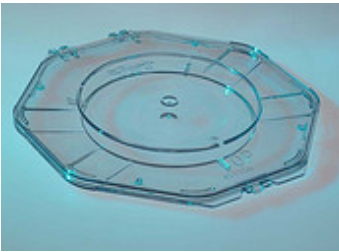
- Bottom of box plane angled
- Stackable

# Single Wafer Shippers



PH1200WS-1112  
300mm Shipper

- Air-tight with gasket
- Fab qualified polycarbonate material has low outgassing characteristics and excellent impact strength
- Very low organic contamination
- Excellent access for insertion or removal of wafers
- Compact and stackable
- Design allows for positive open and close
- Wafer cushions securely retain the wafer to minimize particles



PH800WS-1112  
200mm Shipper



PH800WS-3112  
200mm Shipper

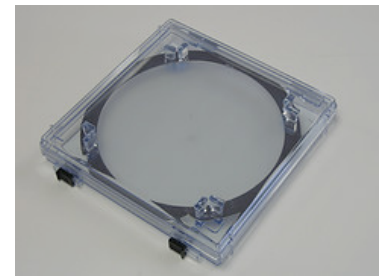
- Securely positions and protects one wafer face up or face down with minimal wafer contact
- Fab qualified polycarbonate material has low outgassing characteristics and excellent impact strength
- Convenient tweezers slot locations provide excellent access for insertion or removal of wafers
- Compact and stackable
- Single latch design allows for easy open and close
- Wafer cushions are replaceable and securely retain the wafer to minimize particle generation.



PM600 and PM400  
6" and 4" wafer shipper

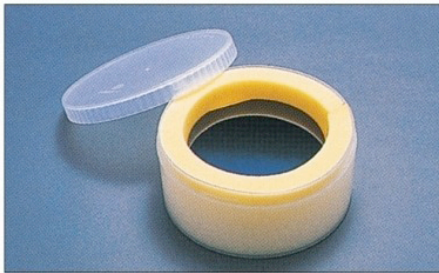


PL600-256GR  
5" or 6" Grip Ring shipper

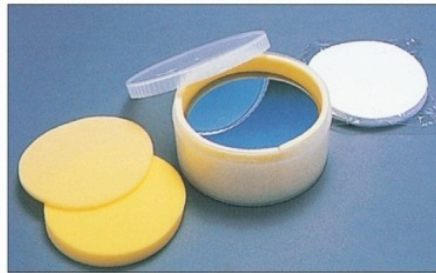


PZT600-31125GR  
Film Frame Shipper for  
150mm wafers

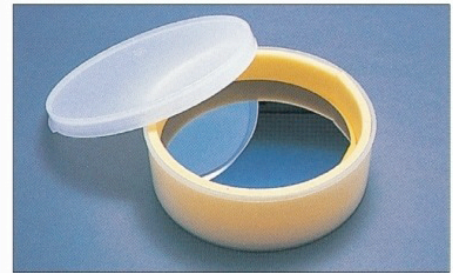
# Wafer Shippers



D9206-5  
5" wafer shipper



D9206-5  
6" wafer shipper



D9208-8  
8" wafer shipper

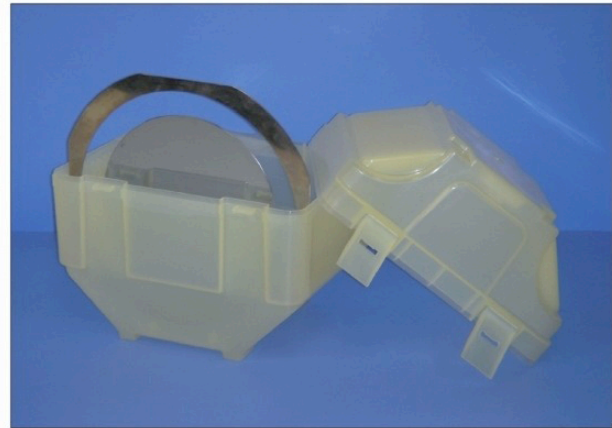
Available with antistatic polyurethane foam and antistatic Tyvek sheets.

# Frame Shippers



GRB 200-AS (200mm)

Capacity 25  
Overall Dimensions 291mm x 291mm x 308mm

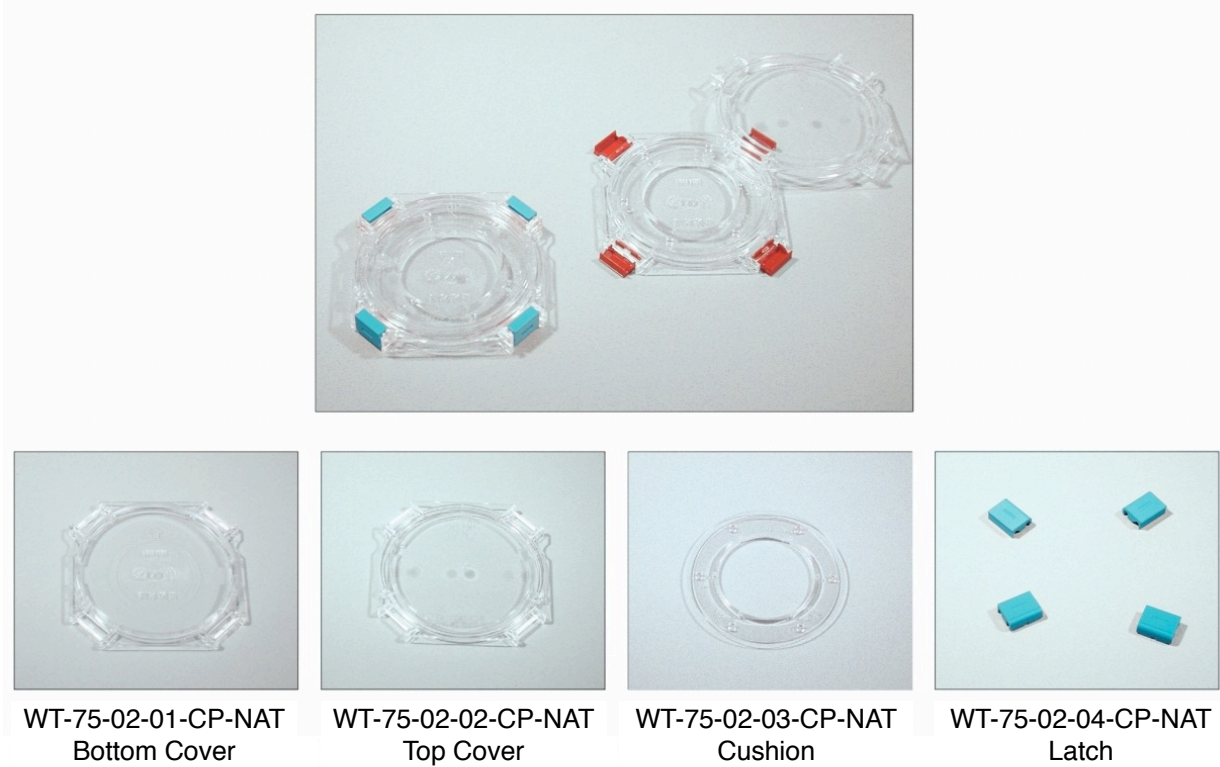


GRB 300-AS (300mm)

Capacity 25  
Overall Dimensions 409mm x 409mm x 420mm

- Box for storage and transport of wafer with frame
- Double pitch teeth allows accommodation of 13 wafers
- Box cover and bottom lock at five points
- Stackable

# 3" Wafer Shipper



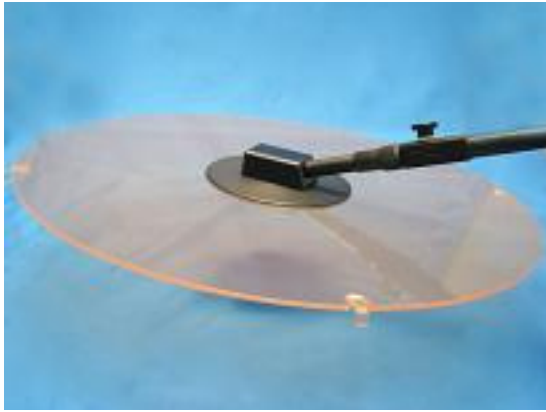
## Tac Carriers

Storage and transport case for the precision parts such as semiconductors, MEMS devices, lenses, electronic components

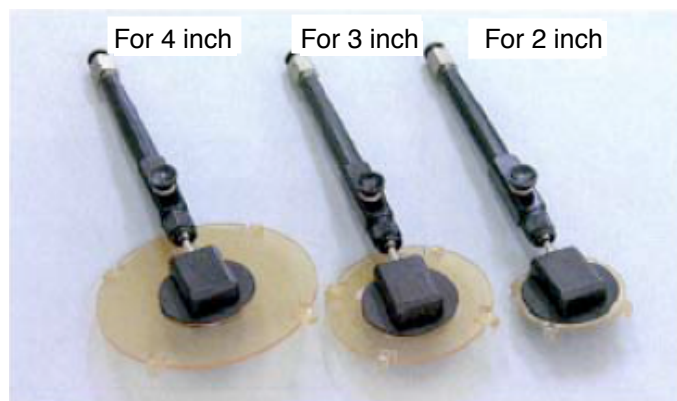
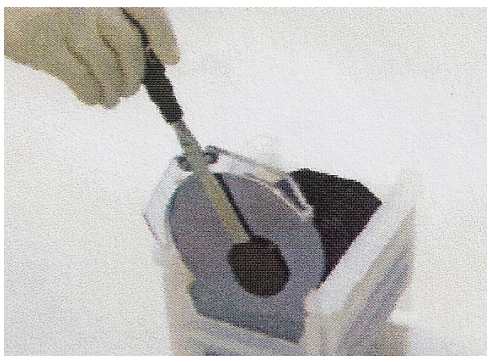
- Low outgassing non-silicone tacky sheet immobilize sand protects the precision parts from impact. Tackiness is variable to be compatible with the shape of parts.
- Grid and matrix pattern can be changed and your company logo can be printed.
- Detachable cover for process-to-process transport



# Bernoulli Chuck

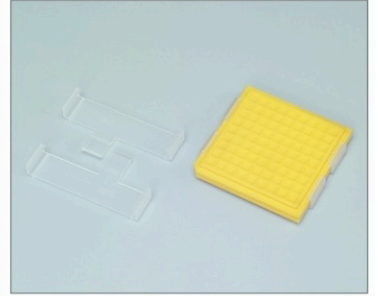
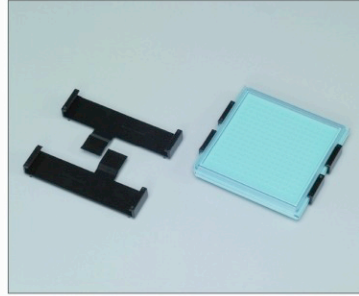
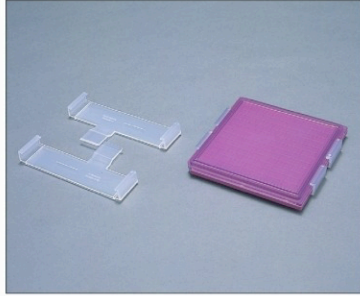


- Bernoulli Chuck provides strong suction power by ejecting air utilizing the Bernoulli Law.
- Object is transferred by stable retaining force without contact or rotation.
- ESD safe acrylic resin guide rings are easily replaceable and available in various sizes.
- Light weight conductive nylon.
- One hand ON/OFF operation.
- Capable of handling wafer printed pattern on both sides, or thin wafer 50mm in thickness.
- Enhanced stability for horizontal wafer handling.
- Compatible with various protective papers, uneven surfaces, and air-passable mesh.
- Air ejected from the Bernoulli Chuck flows toward all directions between the transparent guide ring and the wafer and prevents the wafer from rotating. The stable Bernoulli effect floats the wafer in the air and makes poised non-contact wafer transfer.
- 0.15 MPa air pressure compressor (not included)

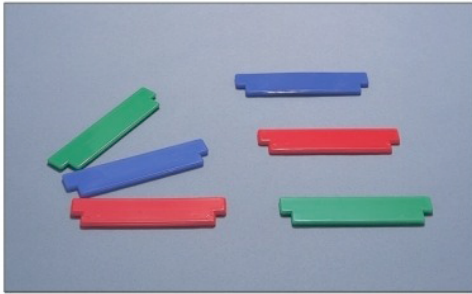


# Other Products

Chip Trays (multiple sizes available)



PFA carrier ID tags and buttons



ID75-01



IP05



PFA carrier with IDD Buttons



# Material Information

With over 25 years of experience in plastics injection molding, Pozzetta has become a leader in bringing to market highly specialized materials to enhance the effectiveness of semiconductor handling devices. Our expertise with plastics makes Pozzetta a valuable resource to customers throughout the world as they seek to better their own products and increase yields.

Pozzetta is able to recognize need to improve a process by understanding the changing technologies in the industry. As processes become more advanced, the critical need to enhance yields advances with it. Defects caused by outgassing or ESD events associated with plastic storage and handling devices must be minimized. Pozzetta has the knowledge and the technology to defend against these unpredictable and potentially drastic results. Customers are able to work with Pozzetta to customize the solution that best fits their needs.





# POZZETTA

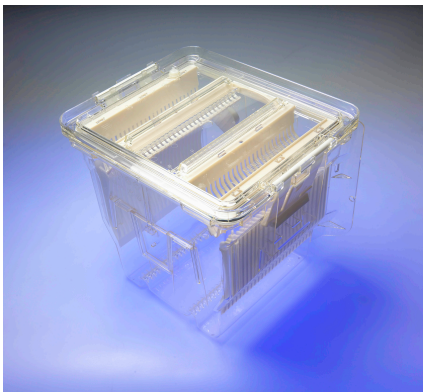
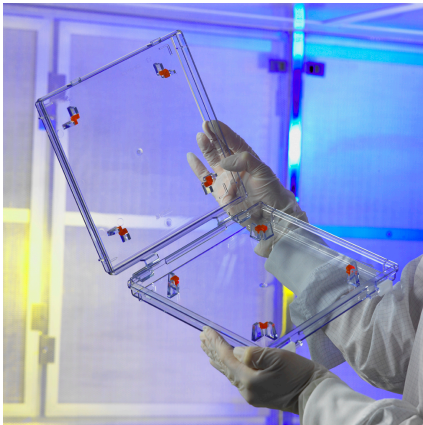
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## MICRO CLEAN

*Creating Clean Environments*

*Protect your critical parts by keeping them clean and free of particles. Using our cleaning technology and years of experience, we are focused on reducing particles for the semiconductor, microelectronics and medical industries.*

PMC is an industry leader in the cleaning and recycling of photomask compacts, reticle cassettes, SMIF pods, and wafer containers of all types including Ultrapaks, FOSB (300mm), FOUPS, and other wafer storing and shipping devices.



Pozzetta Micro Clean is dedicated to providing superior cleaning services for your critical process containers. Using our cleaning technology and years of experience, we are focused on reducing particles for containers used in the semiconductor and microelectronics industries.

Contact  
Pozzetta Micro Clean  
3121 S Platte River Dr  
Englewood, CO 80122  
[www.pozzettamicroclean.com](http://www.pozzettamicroclean.com)  
303.783.7901



# POZZETTA

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## SPECIALTY SUPPLIES

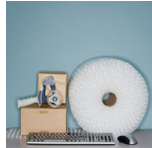
*Progressive Packaging Solutions*

*Pozzetta Specialty Supplies will source you packaging, warehouse, cleanroom and janitorial supplies needs. We also offer warehousing and fulfillment services.*



### **Corrugated Boxes**

Custom boxes  
Stock Boxes  
Printed Boxes  
Bulk Containers  
Partitions  
Slip Sheets



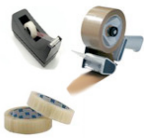
### **Cushioning Materials**

Bubble Wrap  
Foam Wrap  
Edge Protectors  
Packing Newsprint



### **Envelopes**

Mailing Envelopes  
Jiffy Padded Envelopes  
Packing List Envelopes



### **Tape**

Carton Sealing  
Cold Temperature  
Double Sided  
Masking Tape  
Bag Sealing Tape  
Tape Dispensers  
Chart Tape



### **Labels**

Direct Thermal Labels  
Thermal Transfer labels  
Fragile Labels  
Warning/Caution Labels  
Pressure Sensitive Labels  
Do Not Stack labels



### **Janitorial Supplies**

Bathroom Tissue  
Facial Tissue  
Town Dispensers  
Hand Soaps/Dispensers  
Roll Towels  
Mops/Brooms/Buckets  
Trash Cans  
All Purpose Cleaners



### **Bonding**

Poly Strapping  
Steel Strapping  
Clips  
Buckets

### **Gloves**

Latex Gloves  
Nitrile Gloves  
Latex Free Gloves  
Vinyl Gloves



### **Industrial Films**

Hand Stretch Wrap  
Machine Stretch Wrap

### **Bags**

Polyethylene  
Polypropylene  
Gaylord Liners  
Gusseted Bags  
Sealed Top Bags  
Cleanroom Bag  
Can Liners



### **Cleanroom Consumables**

Wet Wipes  
Dry Wipes  
Nitrile Cleanroom Gloves  
Mops/Mop Covers  
Bouffant Caps  
Shoe Cover  
Beard Masks  
Sticky Mats  
Disposable Cleanroom Bags  
Cleanroom labels

Pozzetta Specialty Supplies 3117 S Platte River Dr Englewood, CO 80122

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allison.cox@pozzetta.com

**For ordering information, please contact:**

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Englewood, CO 80122  
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[customerservice@pozzetta.com](mailto:customerservice@pozzetta.com)



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