



Products and Services Catalog

March 2024 Catalog

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About Redstone Technical

Together, We Can Win

Our hundreds of customers have developed a trust in who we are, what we can provide, and the sales experience that sets us apart from our competitors.

We at Redstone Technical hold all our in-stock, surplus, and refurbished parts to the highest standards. All refurbished parts are inspected, cleaned, and cleanroom packaged.

Our customers can trust the quality level of the wafer processing and shipping products they receive will meet or beat their expectations.

ePAK Authorized Distributor

We are proud to be the North American Authorized Distributor of ePAK products.

ePAK has a well-established track record of manufacturing industry standard products for wafer shipping, handling, storage and processing.

Redstone can provide any items from the extensive ePAK product line and stocks a strategic selection of ePAK products for immediate delivery.

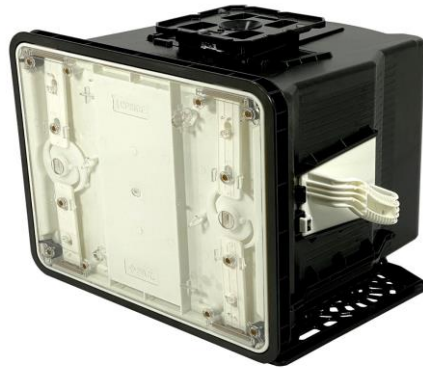
Customer Focused

We have an experienced team that can help you determine the best product or service to get the results your project or group is looking for. Whether on the processing or shipping side of the wafer process, Redstone may have the product you are looking for in stock or available to order. Redstone customers experience the following key benefits of working with us:

- Experienced team
- Proven Track Record
- Faster Lead-Times
- Quality Customer Service



FOUPS & Related Products



300mm FOUP and Keys

FOUP

Description	Order Code	MPN	MOQ	Packaging
300mm FOUP	eWB0685-ASSY-2	eFOUP300-A-ASSY-2	1 Unit	1/pk
<ul style="list-style-type: none"> ✓ SEMI FIMS Compliant ✓ Supports automation for opening, closing, and handling ✓ Filter or purge options available ✓ Info pad can be configured for FEOL or BEOL. 		<ul style="list-style-type: none"> ✓ Ultrapure, low outgassing materials protect wafers ✓ Robust wafer retention ensures reduced particle generation ✓ RFID programming available. 		



Keys

Description	Order Code	MPN	MOQ	Packaging
Keys for Opening FOUPs and FOSBs (pair)	FOUP-KEYS		1 Pair	1 Pair
<ul style="list-style-type: none"> ✓ For manually opening and closing FOUPs and FOSBs ✓ SEMI E62 Compliant 		<ul style="list-style-type: none"> ✓ Robust stainless-steel construction ✓ Sold in sets of two 		



Carriers, Boxes, and Handles



200mm Wafer Process Products

✓ Industry standard designs

✓ H-bar style carriers are equipment friendly

Carriers/Cassettes

Description	Order Code	MPN	MOQ	Packaging
Low-profile Wafer Carrier, PFA	eWB0385-eM-39-NAT	ePB-8/200-25-R.10-eM-39-NAT	1 Unit	1/pk, 2/cs
High-profile Wafer Carrier, PFA	eWB0220-eM-39-NAT	ePB-8/200-25-R.6-eM-39-NAT	1 Unit	1/pk, 2/cs
Wafer Carrier, PP ESD	eWB0182-eM-01-BLK	ePB-8/200-13-eM-01-BLK	1 Unit	1/pk, 2/cs
Wafer Carrier, PP ESD	eWB0090-eM-01-BLK	ePB-8/200-25-R.2-eM-01-BLK	1 Unit	1/pk, 2/cs



Handles

Description	Order Code	MPN	MOQ	Packaging
High-profile Squeeze Handle, PFA	eOP0202-8-ASSY-2	8in Handle ASSY-2	1 Unit	1/pk
Low-profile Squeeze Handle, PFA	eOP0202-8-ASSY-3	8in Handle ASSY-3	1 Unit	1/pk



Boxes

Description	Order Code	MPN	MOQ	Packaging
Storage Box, PP ESD	eWB0100-ASSY-11	ePBX-8/200-R.1-ASSY-11	1 Unit	1/pk, 4/cs
Storage Box, PP ESD	eWB0094-ASSY-5	ePBX-8/200-ASSY-5	1 Unit	1/pk, 2/cs



150mm Wafer Process Products

✓ Industry standard designs

✓ H-bar style carriers are equipment friendly

Carriers/Cassettes

Description	Order Code	MPN	MOQ	Packaging
Wafer Carrier, PFA	eWB0304-eM-39-NAT	ePB-6/150-25-R.8-eM-39-NAT	1 Unit	1/pk, 8/cs
Wide-slot (12 slot) Wafer Carrier, PP ESD	eWB0135-eM-01-BLK	ePB-6/150-12-N-eM-01-BLK	1 Unit	1/pk, 16/cs
Wafer Carrier, PP ESD	eWB0051-N-eM-01-BLK	ePB-6/150-25-N-eM-01-BLK	1 Unit	1/pk, 16/cs



Handles

Description	Order Code	MPN	MOQ	Packaging
Squeeze Handle, PFA	eOP0171-6-ASSY-1	6" Handle ASSY-1	1 Unit	1/pk



Boxes

Description	Order Code	MPN	MOQ	Packaging
Storage Box, PP ESD	eWB0099-ASSY-4	ePBX-6/150-R.3-ASSY-4	1 Unit	1/pk, 12/cs



100mm and Smaller Wafer Process Products

✓ Industry standard designs

✓ H-bar style carriers are equipment friendly

Carriers/Cassettes

Size	Description	Order Code	MPN	MOQ	Packaging
100mm	Wafer Carrier, PFA	eWB0309-eM-39-NAT	ePB-4/100-25-R.9-eM-39-NAT	1 Unit	1/pk, 12/cs
100mm	Wafer Carrier, PP ESD	eWB0308-N-eM-01-BLK	ePB-4/100-25-R.8-eM-01-BLK	1 Unit	1/pk, 30/cs
3-inch	Wafer Carrier, PFA	eWB0306-eM-39-NAT	ePB-3/76-25-R.6-eM-39-NAT	1 Unit	1/pk, 24/cs
3-inch	Wafer Carrier, PP Blue	eWB0092-eM-08-BLU	ePB-3/76-25-eM-08-BLU	4 Units	4/pk, 100/cs
2-inch	Wafer Carrier, PFA	eWB0316-eM-39-NAT	ePB-2/50-25-R.1-eM-39-NAT	1 Unit	1/pk, 20/cs
2-inch	Wafer Carrier, PP Blue	eWB0031-eM-08-BLU	ePB-2/50-25-eM-08-BLU	5 Units	5/pk, 100/cs



Handles

Size	Description	Order Code	MPN	MOQ	Packaging
100mm	Squeeze Handle, PFA	eOP0171-4-ASSY-1	4" Handle ASSY	1 Unit	1/pk
3-inch	Squeeze Handle, PFA	eOP0171-3-ASSY-1	3" Handle ASSY	1 Unit	1/pk



Boxes

Size	Description	Order Code	MPN	MOQ	Packaging
100mm	Storage Box, PP ESD	eWB0124-ASSY-12	ePBX-4-ASSY-12	1 Unit	1/pk, 12/cs
3-inch	Storage Box, PP ESD	eWB0433-ASSY-4	ePBX-3-R.2-ASSY-4	1 Unit	1/pk, 30/cs



Single Wafer Shippers



Single Wafer Shipper - 200mm

- ✓ Contacts face of wafer only on the edge
- ✓ Stackable
- ✓ Static dissipative material available
- ✓ ESD foil bags available

Canisters Shippers

Size	Description	Order Code	MPN	MOQ	Packaging
300mm	Single Wafer Shipper, PP ESD	eWB0053-ASSY-1	eCT12-300-0.8-ASSY-1	1 Unit	1/pk , 10/cs
300mm	Single Wafer Shipper, PP	eWB0053-ASSY-2	eCT12-300-0.8-ASSY-2	1 Unit	1/pk , 10/cs



Product Notes

- ✓ Four corner latches
- ✓ Ultrapure polypropylene

Cham Shell Shippers

Size	Description	Order Code	MPN	MOQ	Packaging
200mm	Single Wafer Shipper, PC	eWB0016-ASSY-1	eCT8-200-0.7-ASSY-1	1 Unit	1/pk , 10/cs
200mm	Single Wafer Shipper, PC ESD	eWB0016-ASSY-2	eCT8-200-0.7-ASSY-2	1 Unit	1/pk , 10/cs
150mm	Single Wafer Shipper, PC	eWB0017-ASSY-1	eCT6-150-0.7-ASSY-1	1 Unit	1/pk , 15/cs
150mm	Single Wafer Shipper, PC ESD	eWB0017-ASSY-2	eCT6-150-0.7-ASSY-2	1 Unit	1/pk , 15/cs



Product Notes

- ✓ Eight springs hold the wafer
- ✓ Snap-lock cover
- ✓ Ultrapure polycarbonate

Single Shipper – (150mm, 125mm, 100mm, 3-inch)

- ✓ Spring insert secures the wafer
- ✓ Includes base, spring and cover
- ✓ Twist-lock cover
- ✓ Ultrapure polypropylene
- ✓ Static dissipative material available
- ✓ Stackable
- ✓ ESD foil bags available

Size	Description	Order Code	MPN	MOQ	Packaging
150mm	Coin Shipper, PP	eWB0025-ASSY-1	eCT6-150-ASSY-1	10 Units	10/pk, 100/cs
150mm	Coin Shipper, PP ESD	eWB0025-ASSY-2	eCT6-150-ASSY-2	10 Units	10/pk, 100/cs
125mm	Coin Shipper, PP	eWB0060-ASSY-1	eCT5-125-ASSY-1	10 Units	10/pk, 100/cs
100mm	Coin Shipper, PP	eWB0024-ASSY-1	eCT4-100-ASSY-1	10 Units	10/pk, 100/cs
100mm	Coin Shipper, PP ESD	eWB0024-ASSY-2	eCT4-100-ASSY-2	10 Units	10/pk, 100/cs
3-inch	Coin Shipper, PP	eWB0022-ASSY-1	eCT3-76-ASSY-1	10 Units	10/pk, 100/cs
3-inch	Coin Shipper, PP ESD	eWB0022-ASSY-2	eCT3-76-ASSY-2	10 Units	10/pk, 100/cs



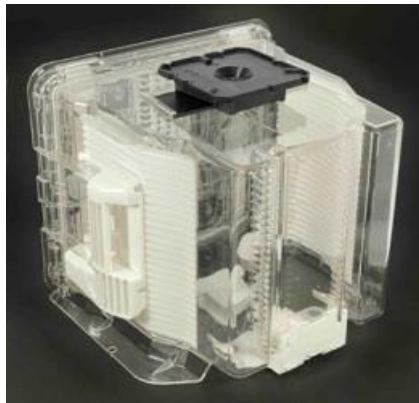
Single Shipper – (2.5, 2, 1.5, and 1-inch)

- ✓ Spring insert secures the wafer
- ✓ Includes base, spring and cover
- ✓ Twist-lock cover
- ✓ Ultrapure polypropylene
- ✓ Static dissipative material available
- ✓ Stackable
- ✓ ESD foil bags available

Size	Description	Order Code	MPN	MOQ	Packaging
2.5-inch	Coin Shipper, PP	eWB0328-ASSY-1	eCT2.5-63-ASSY-1	10 units	10/pk, 100/cs
2-inch	Coin Shipper, PP	eWB0021-ASSY-1	eCT2-50-ASSY-1	10 units	10/pk, 100/cs
2-inch	Coin Shipper, PP ESD	eWB0021-ASSY-2	eCT2-50-ASSY-2	10 units	10/pk, 100/cs
1.5-inch	Coin Shipper, PP	eWB0325-ASSY-1	eCT1.5-38-ASSY-1	10 units	10/pk, 100/cs
1-inch	Coin Shipper, PP	eWB0091-ASSY-1	eCT1-25-ASSY-1	10 units	10/pk, 100/cs
1-inch	Coin Shipper, PP ESD	eWB0091-ASSY-2	eCT1-25-ASSY-2	10 units	10/pk, 100/cs



Multi Wafer Shippers



300mm FOSB and Keys

FOSB

Description	Order Code	MPN	MOQ	Packaging
Front Opening Shipping Box	eWB0531-A-ASSY-3	eFOSB-A-ASSY-3	1 Unit	1/pk

- | | |
|---|--|
| ✓ SEMI FIMS Compliant | ✓ Ultrapure, low outgassing materials protect wafers |
| ✓ Supports automation for opening, closing and handling | ✓ Robust wafer retention ensures reduced particle generation |

Keys

Description	Order Code	MPN	MOQ	Packaging
Keys for Opening FOUPs and FOSBs (pair)	FOUP-KEYS		1 Pair	2/pk

- | | |
|--|---------------------------------------|
| ✓ For manually opening and closing FOUPs and FOSBs | ✓ Robust stainless-steel construction |
| ✓ SEMI E62 Compliant | ✓ Sold in sets of two |



ePRO III Wafer Shipper, PP

- ✓ 25-wafer capacity
- ✓ Industry standard design
- ✓ Cantilever springs secure the wafers
- ✓ Includes base, cassette and cover
- ✓ Snap-latch cover
- ✓ H-bar style cassette is equipment friendly
- ✓ Tapeable perimeter
- ✓ Ultrapure polypropylene
- ✓ Stackable

Wafer Size	Description	Order Code	MOQ	Packaging
200mm	ePRO III Wafer Shipper, PP	ePRO III-8/200-25	1 Unit	1/pk , 8/cs
150mm	ePRO III Wafer Shipper, PP	ePRO III-6/150-25	1 Unit	1/pk , 12/cs
100mm	ePRO III Wafer Shipper, PP	ePRO III-4/100-25	1 Unit	1/pk , 18/cs



2-Piece Wafer Shipper

- ✓ 25-wafer capacity
- ✓ Simple 2-piece design
- ✓ Base and cover snap together
- ✓ Ultrapure polystyrene
- ✓ Stackable



Wafer Size	Description	Order Code	MPN	MOQ	Packaging
100mm	25 Wafer Shipper, PS	eVT0293-ASSY-1	eV12-4/100-25-0.7-ASSY-1	25 Units	25/pk, 100/cs

3-Piece Wafer Shipper

- ✓ 25-wafer capacity
- ✓ Springs in top and bottom covers suspend wafers
- ✓ Four latches secure the top and bottom covers
- ✓ Ultrapure polypropylene
- ✓ Stackable



Wafer Size	Description	Order Code	MPNs	MOQ	Packaging
3-inch	Wafer Shipper, PP	eWB0029-ASSY-1	eMS-3/76-25-ASSY-1	4 Units	4/pk , 100/cs
2inch	Wafer Shipper, PP	eWB0028-ASSY-1	eMS-2/50-25-ASSY-1	5 Units	5/pk , 100/cs
1-inch	Wafer Shipper, PP	eWB0302-ASSY-1	eMS-1/25.4-25-R.1-ASSY-1	10 Units	10/pk , 100/cs

Horizontal Wafer Shippers



300mm Horizontal Wafer Shipper Products

eLX Canister and fixed height rings

Description	Order Code	MPN	MOQ	Packaging
300mm eLX Canister, PP ESD w/ 26 eRS0015 fixed height rings	eWB0371-4-ASSY-2	eCT-LX12/300-4-71-ASSY-2	1 Unit	1/pk, 4/cs



eLX Canister and stacking rings

Description	Order Code	MPN	MOQ	Packaging
300mm eLX Canister, PP ESD	eWB0026-4-ASSY-1	eCT-LX12/300-4-44-ASSY-1	1 Unit	1/pk, 5/cs
300mm Ring Separator	eRS0002-eM-01-BLK		50 Units	50/pk, 200/cs

Jars

Description	Order Code	MPN	MOQ	Packaging
300mm x 0.9in Jar, PP	eWB0054-ASSY-2	eJR12-300-23-ASSY-2	1 Unit	1/pk, 10/cs



Separators and cushions

Description	Order Code	MPN	MOQ	Packaging
300mm TYVEK Separator	eIL0006-eM-03-A-WHT	eIL12-300-0.16-eM-03-A-WHT	250 Units	250/pk, 1500/cs
300mm x 0.16 carbon separator	eIL0003-eM-20-BLK	eIL12-300-0.16-20-BLK	250 Units	200/pk, 1000/cs
300mm x 3mm Foam Disc	eFD0009-eM-04-H-PNK	eFD12-300-3-eM-04-H-PNK	50 Units	50/pk, 500/cs



200mm Horizontal Wafer Shipper Products

eLX Canister and stacking rings

Description	Order Code	MPN	MOQ	Packaging
200mm eLX canister, PP ESD	eWB0018-4-ASSY-1	eCT-LX8/200-4-44-ASSY-1	1 Unit	1/pk, 10/cs
200mm Ring Separator	eRS0001-eM-01-BLK		50 Units	50/pk, 600/cs



Jars

Description	Order Code	MPN	MOQ	Packaging
200mm x 2.0in Jar, PP	eWB0010-ASSY-2-L	eJR-235-51-ASSY-2-L	5 Units	5/pk, 20/cs
200mm x 0.9in Jar, PP ESD	eWB0035-ASSY-1-L	eJR8-200-23-ASSY-1-L	10 Units	10/pk, 40/cs



Separators and cushions

Description	Order Code	MPN	MOQ	Packaging
200mm TYVEK Separator	eIL0004-eM-03-A-WHT	eIL8-200-0.16-eM-03-A-WHT	250 Units	250/pk, 5000/cs
200mm Carbon PS Separator	eIL0022-eM-20-BLK	eIL8-200-0.07-eM-20-BLK	200 Units	200/pk, 2000/cs
200mm x 3mm Foam Disc	eFD0006-eM-04-H-PNK	eFD8-200-3-eM-04-H-PNK	100 Units	100/pk, 1200/cs



150mm Horizontal Wafer Shipper Products

eLX Canister and stacking rings

Description	Order Code	MPN	MOQ	Packaging
150mm eLX Canister, PP ESD	eWB0086-4-ASSY-1	eCT-LX6/150-4-44-R.1-ASSY-1	1 Unit	1/pk, 10/cs
150mm Ring Separator	eRS0003-eM-01-BLK		50 Units	50/pk 1200/cs



Jars

Description	Order Code	MPN	MOQ	Packaging
150mm x 3.0in Jar, PP ESD	eWB0008-ASSY-1-L	eJR-167-76-ASSY-1-L	5 Units	5/pk, 50/cs
150mm x 1.5in Jar, PP	eWB0001-ASSY-2-L	eJR-170-38-ASSY-2-L	10 Units	10/pk, 100/cs
150mm x 0.8in Jar, PP	eWB0033-ASSY-2-L	eJR6-150-20-ASSY-2-L	10 Units	10/pk, 100/cs



Separators and cushions

Description	Order Code	MPN	MOQ	Packaging
150mm TYVEK Separator	eIL0005-eM-03-A-WHT	eIL6-150-0.16-eM-03-A-WHT	250 Units	250/pk, 5000/cs
150mm Carbon PS Separator	eIL0016-eM-20-BLK	eIL6-150-0.07-eM-20-BLK	200 Units	200/pk, 5000/cs
150mm x 3mm Foam Disc	eFD0007-eM-04-H-PNK	eFD6-150-3-eM-04-H-PNK	100 Units	100/pk, 2000/cs



100mm Horizontal Wafer Shipper Products

Jars

Description	Order Code	MPN	MOQ	Packaging
100mm x 2.4in Jar, PP ESD	eWB0041-ASSY-1-L	eJR4-100-60.5-ASSY-1-L	5 Units	5/pk, 50/cs
100mm x 2.0in Jar, PP	eWB0038-ASSY-2-L	eJR4-100-49-ASSY-2-L	10 Units	10/pk, 100/cs
100mm x 0.9in Jar, PP	eWB0040-ASSY-2-L	eJR4-100-23-ASSY-2-L	10 Units	10/pk, 100/cs



Separators and cushions

Description	Order Code	MPN	MOQ	Packaging
100mm TYVEK Separator	eIL0010-eM-03-A-WHT	eIL4-100-0.16-eM-03-A-WHT	250 Units	250/pk, 2500/cs
100mm x 3mm Foam Disc	eFD0010-eM-04-H-PNK	eFD4-100-3-eM-04-H-PNK	100 Units	100/pk, 10,000/cs



Dicing/Flex/Film Frames and Shippers



300mm Dicing/Flex/Film Frame Products

Frame

Description	Order Code	MPN	MOQ	Packaging
SEMI G74-0699 Metal Film Frame	eOP0313-F01	eMF-DTF-2-12-F01	5 Unit	5/pk, 25/cs



- ✓ Polished Stainless Steel and works with substrates up to 300mm

Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
Single Film Frame Shipper ESD	eVT0287-eM-20-BLK	eFS12-300-A-eM-20-BLK	1 Unit	1/pk, 10/cs



- ✓ Clamshell style single frame shipper. Has an ultra pure, black conductive polystyrene sheet material.

Multi Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
SEMI G74-0699 Metal, 13 frame shipper PP ESD	eWB0195-ASSY-3	eFS12-300-13-ASSY-3	1 Unit	1/pk, 2/cs



- ✓ Ultra clean polypropylene filled with carbon powder to provide permanent ESD protection for highly sensitive electronic devices.
- ✓ Holds 25 frames suspended between top and bottom cushions.
- ✓ Four positive-snap latches

200mm DISCO Dicing/Flex/Film Frame Products

Frame

Description	Order Code	MPN	MOQ	Packaging
276mm Metal Film Frame	eOP0311-F01	eMF-DTF-2-8-1-F01	5 Units	5/pk, 50/cs



- ✓ Polished Stainless Steel and works with substrates up to 200mm

Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
Single Frame Shipper, ESD	eVT0320-eM-20-BLK	eFS8-200-R.2-eM-20-BLK	1 Unit	1/pk, 20/cs



- ✓ Clamshell style single frame shipper. Has an ultra pure, black conductive polystyrene sheet material.

Multi Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
25 Frame Shipper, PP	eWB0152-ASSY-1	eFS8-200-25-R.1-ASSY-1	1 Unit	1/pk, 4/cs



- ✓ Holds 25 frames suspended between top and bottom cushions.
- ✓ Ultra clean polypropylene.
- ✓ Four positive-snap latches

200mm K&S Dicing/Flex/Film Frame Products

Frame

Description	Order Code	MPN	MOQ	Packaging
266mm Metal Film Frame (350-104)	eOP0312-F01	eMF-350-104-F01	5 Units	5/pk, 50/cs



- ✓ Polished Stainless Steel and works with substrates up to 200mm

Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
Single Film Frame Shipper (350-104) ESD	eVT0377-eM-20-BLK	eFS8-200-R.3-eM-20-BLK	1 Unit	1/pk, 15/cs



- ✓ Clamshell style single frame shipper. Has an ultra pure, black conductive polystyrene sheet material.

150mm DISCO Dicing/Flex/Film Frame Products

Frame

Description	Order Code	MPN	MOQ	Packaging
(Disco 2-6-1) 212mm Metal Film Frame	eOP0309-F01	eMF-DTF-2-6-1-F01	5 Units	5/pk, 50/cs



- ✓ Polished Stainless Steel and works with substrates up to 150mm

Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
Single Film Frame Shipper (Disco 2-6-1) ESD	eVT0302-eM-20-BLK	eFS6-150-R.1-eM-20-BLK	1 Unit	1/pk, 50/cs



- ✓ Clamshell style single frame shipper. Has an ultra pure, black conductive polystyrene sheet material.

Multi Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
25 Film Frame Shipper (Disco 2-6-1) ESD	eWB0214-ASSY-10-I1.2	eFS6-150-25-R.1-ASSY-10-I1.2	1 Unit	1/pk, 4/cs



- ✓ Ultra clean polypropylene filled with carbon powder to provide permanent ESD protection for highly sensitive electronic devices.
- ✓ Holds 25 frames suspended between top and bottom cushions.
- ✓ Four positive-snap latches

150mm K&S Dicing/Flex/Film Frame Products

Frame

Description	Order Code	MPN	MOQ	Packaging
216mm Metal Film Frame (350-103)	eOP0310-F01	eMF-350-103-F01	5 Units	5/pk, 50/cs



- ✓ Polished Stainless Steel and works with substrates up to 150mm

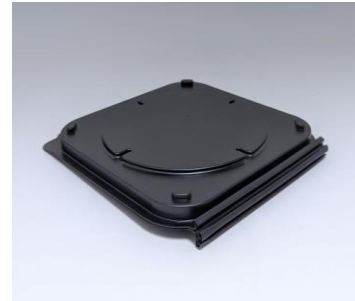
Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
Single Film Frame Shipper (350-103) ESD	eVT1384-eM-20-BLK	eFS6-150-R.5-eM-20-BLK	5 Unit	5/pk, 50/cs



- ✓ Clamshell style single frame shipper. Has an ultra pure, black conductive polystyrene sheet material.

Hoop/Grip/Expansion Rings and Shippers



225/241mm Hoop/Grip/Expansion Ring Products

Hoop Ring

Description	Order Code	MPN	MOQ	Packaging
Hoop Rings - Yellow Inner/Red Outer	eOP0183/0182-eM-16-R-YLW/RED	eHR-225/241-6-eM-16-Ylw/Red	25 Units	25/pk, 100/cs

- ✓ For use in wafer expanders. For use with wafers up to 200mm.



Single Ring Shipper

Description	Order Code	MPN	MOQ	Packaging
Hoop Ring Shipper, Conductive PS	eVT0939-eM-20-BLK	eV12-HRS-225/241-eM-20-BLK	1 Unit	1/pk, 30/cs

- ✓ Clamshell style single ring shipper. Single shipper for ring mounted wafers. Conductive material for static sensitive applications



140/152mm Hoop/Grip/Expansion Ring Products

Hoop Ring

Description	Order Code	MPN	MOQ	Packaging
Hoop Ring - Grey Inner/Blue Outer	eOP0051-eM-16-GRY/eOP0050-BLU	eHR-140/152-6-IN/OUT-eM-16-GRY	10 Units	10/pk, 200/cs

- ✓ For use in wafer expanders. For use with wafers up to 125mm.



Single Ring Shipper

Description	Order Code	MPN	MOQ	Packaging
Hoop Ring Shipper, Conductive PS	eVT0336-eM-20-BLK	eV11-HRS-140/152-eM-20-BLK	1 Unit	1/pk, 100/cs

- ✓ Clamshell style single ring shipper. Single shipper for ring mounted wafers. Conductive material for static sensitive applications



ESD Bags



Redstone ESD Bags

- ✓ Protection for your single wafer shipper
- ✓ Low minimum order size
- ✓ Protect sensitive electronics
- ✓ Static protection
- ✓ Heat-sealable, puncture resistant, and suitable for vacuum processing
- ✓ Solid barrier against moistures and vapors
- ✓ Protecting your product from contamination



Size	Order Code	MOQ
18"X20"	ESD Foil Bag-0427	10/pack
12"16"	ESD Foil Bag-0426	10/pack
10"X12"	ESD Foil Bag-0425	10/pack
6"X8"	ESD Foil Bag-0424	10/pack
4"X6"	ESD Foil Bag-0423	10/pack

Redstone Services



Cleaning Service

- ✓ 144 ft² Class 1000 cleanroom
- ✓ RO <5 PPM TDS water system
- ✓ Wash using non-ionic surfactant
- ✓ Dry under HEPA filtered air
- ✓ Sealed in cleanroom bags



Warehousing & Logistics

- ✓ 15,000 ft² warehouse
- ✓ Accepting 1 – 100 pallets
- ✓ Load-in, Load-out and storage
- ✓ Air, truck and sea logistics services
- ✓ PICK and distribute services



Laser-Marking

- ✓ Marking on PFA and PEEK
- ✓ No inks or dyes used
- ✓ Barcode available
- ✓ Cleaned after marking



Any Questions? We are here for you.

If you have any questions, please contact us and we can help you find the solution you are looking for. If you don't see something that exists on ePAK's website or catalog that's because we stock items that are frequently ordered only. However, let us know and we can find a solution for you.



Contact Us

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