



Products and Services Catalog

March 2025 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 exclusive North America Distributor of ePAK products.

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

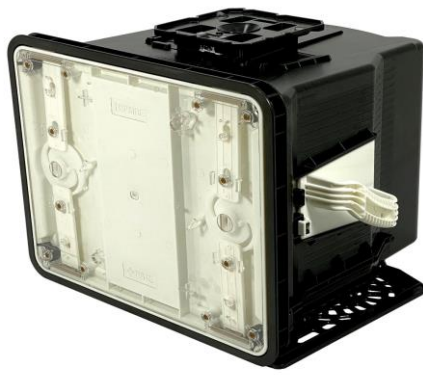
Redstone can provide any items from the extensive ePAK product line and stocks a strategic selection of ePAK products for immediate delivery.

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 FOUPs and Keys

FOUP

Description	Order Code	MPN	MOQ	Packaging
300mm Process Carrier (FOUP)	eWB0685-ASSY-1-W	eFOUP300-A-ASSY-1-W	1 Unit	1/pk
<ul style="list-style-type: none"> ✓ SEMI FIMS compliant ✓ Supports automation for opening, closing, and handling ✓ Filter, purge, and diffuser options available ✓ Info pad can be configured for FEOL or BEOL 		<ul style="list-style-type: none"> ✓ Ultra-pure, low outgassing, ESD materials protect wafers ✓ Robust wafer retention ensures reduced particle generation ✓ Equipped with RFID transponder 		



Keys

Description	Order Code	MPN	MOQ	Packaging
Keys for Opening FOUP and FOSB	FOUP-KEY (PAIR)	58000383	1 Pair	1 pair/pk
<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 as a set of two (2) keys 		



Carriers, Boxes, and Handles



200mm Wafer Process Products

✓ Industry standard designs

✓ Products available for transport and wet processes

Carriers/Cassettes

Description	Order Code	MPN	MOQ	Packaging
High-Profile Wafer Carrier, PFA	eWB0220-eM-39-NAT	ePB-8/200-25-R.6-eM-39-NAT	1 Unit	1/pk, 2/cs
Low-Profile Wafer Carrier, PFA	eWB0385-eM-39-NAT	ePB-8/200-25-R.10-eM-39-NAT	1 Unit	1/pk, 2/cs
25-Slot Wafer Carrier, PP ESD	eWB0090-eM-01-BLK	ePB-8/200-25-R.2-eM-01-BLK	1 Unit	1/pk, 2/cs
13-Slot Wafer Carrier, PP ESD	eWB0182-eM-01-BLK	ePB-8/200-13-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	eWB0094-ASSY-5	ePBX-8/200-ASSY-5	1 Unit	1/pk, 2/cs
Storage Box, PP ESD	eWB0100-ASSY-11	ePBX-8/200-R.1-ASSY-11	1 Unit	1/pk, 4/cs



150mm Wafer Process Products

✓ Industry standard designs

✓ Products available for transport and wet processes

Carriers/Cassettes

Description	Order Code	MPN	MOQ	Packaging
High-Profile Wafer Carrier, PFA	eWB0304-eM-39-NAT	ePB-6/150-25-R.8-eM-39-NAT	1 Unit	1/pk, 8/cs
Low-Profile Wafer Carrier, PFA	eWB0318-eM-39-NAT	ePB-6/150-25-R.10-eM-39-NAT	1 Unit	1/pk, 8/cs
25-Slot Wafer Carrier, PP ESD	eWB0051-N-eM-01-BLK	ePB-6/150-25-N-eM-01-BLK	1 Unit	1/pk, 16/cs
12-Slot Wafer Carrier, PP ESD	eWB0135-eM-01-BLK	ePB-6/150-12-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

✓ Products available for transport and wet processes

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	1 Unit	1/pk
3-inch	Squeeze Handle, PFA	eOP0171-3-ASSY-1	3" Handle ASSY-1	1 Unit	1/pk
2-inch	Squeeze Handle, PFA	eOP0171-2-ASSY-1	2" Handle ASSY-1	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
2-inch	Storage Box, PP ESD	eWB0095-ASSY-9	ePBX-2-ASSY-9	1 Unit	1/pk



Single Wafer Shippers



Single Wafer Shippers – 300mm, 200mm, 150mm

- ✓ Contacts wafer face only on the edge
- ✓ Stackable
- ✓ Available in natural or static dissipative material
- ✓ ESD foil bags available

Canister 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

- ✓ Four springs secure the wafer
- ✓ Four corner latches
- ✓ Ultra-pure polypropylene



Clam 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

- ✓ Eight springs secure the wafer
- ✓ Snap-lock latch
- ✓ Ultra-pure polycarbonate



Single Shippers – 150mm, 125mm, 100mm, 3-inch

- ✓ Contacts wafer face only on the edge
- ✓ Spring insert secures the wafer
- ✓ Includes base, spring, and cover
- ✓ Twist-lock cover
- ✓ Ultra-pure polypropylene
- ✓ Available in natural or static dissipative material
- ✓ Stackable
- ✓ ESD foil bags available



Coin Shippers

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



Wafer Stiffeners

Size	Description	Order Code	MPN	MOQ	Packaging
3-inch	Wafer Stiffener, PP ESD	eVT0191-eM-20-BLK	eWV3-76-0.25	50 Units	50/pk, 1000/cs

- ✓ Used to support thin and fragile wafers



Single Shippers – 2.5, 2, 1.5, and 1-inch

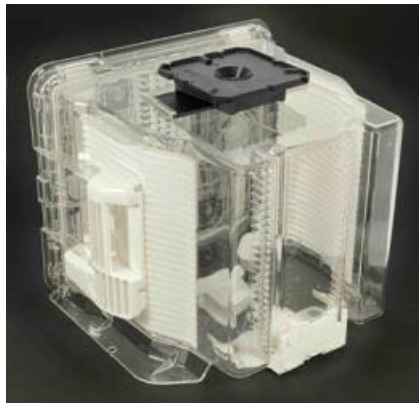
- ✓ Contacts wafer face only on the edge
- ✓ Spring insert secures the wafer
- ✓ Includes base, spring, and cover
- ✓ Twist-lock cover
- ✓ Ultra-pure polypropylene
- ✓ Available in natural or static dissipative material
- ✓ Stackable
- ✓ ESD foil bags available

Coin Shippers

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 FOSBs and Keys

FOSB

Description	Order Code	MPN	MOQ	Packaging
300mm Wafer Shipper (FOSB)	eWB0531-A-ASSY-3-HFI-W	eFOSB-A-ASSY-3-HFI-W	1 Unit	1/pk

- ✓ SEMI FIMS compliant
- ✓ Manual or automation door opening
- ✓ Ultra-pure, low outgassing materials protect wafers
- ✓ Robust wafer retention ensures reduced particle generation
- ✓ Moisture/oxygen barrier bags available



Keys

Description	Order Code	MPN	MOQ	Packaging
Keys for Opening FOUP and FOSB	FOUP-KEY (PAIR)	58000383	1 Pair	1 pair/pk

- ✓ For manually opening and closing FOUPs and FOSBs
- ✓ SEMI E62 compliant
- ✓ Robust stainless steel construction
- ✓ Sold as a set of two (2) keys



ePRO III Wafer Shippers

- ✓ 25 wafer capacity
- ✓ Industry standard design
- ✓ Cantilever springs secure the wafers
- ✓ Wafer carrier inside a 2-piece box
- ✓ H-bar style cassette is equipment friendly
- ✓ Tapeable perimeter
- ✓ Ultra-pure polypropylene
- ✓ Stackable

ePRO III

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
- ✓ Economical design for smaller wafers
- ✓ Ultra-pure polystyrene
- ✓ Stackable

2-Piece

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 Shippers

- ✓ 25 wafer capacity
- ✓ Removable top and bottom covers
- ✓ Springs in covers suspend wafers
- ✓ 3-piece design: cassette, top cover, bottom cover
- ✓ Ultra-pure polypropylene
- ✓ Stackable

3-Piece

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
2-inch	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 with 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 Standard 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 Standard Ring Separator	eRS0002-eM-01-BLK	300mm Stacking Ring	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 Carbon PS Separator	eIL0003-eM-20-BLK	eIL12-300-0.16-eM-20-BLK	200 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 Standard 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 Standard Ring Separator	eRS0001-eM-01-BLK	200mm Stacking Ring	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 Standard 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 Standard Ring Separator	eRS0003-eM-01-BLK	150mm Stacking Ring	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, 10000/cs
100mm x 3mm Foam Disc	eFD0010-eM-04-H-PNK	eFD4-100-3-eM-04-H-PNK	100 Units	100/pk, 2000/cs



Dicing/Flex/Film Frames and Shippers



300mm (380mm) Dicing/Flex/Film Frame Products

Frame

Description	Order Code	MPN	MOQ	Packaging
380mm Metal Film Frame	eOP0313-F01	eMF-DTF-2-12-F01	5 Units	5/pk, 25/cs

- ✓ SEMI G74-0699 compliant
- ✓ Works with substrates up to 300mm
- ✓ DISCO 2-12 style
- ✓ Polished stainless steel



Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
380mm Single Film Frame Shipper, PS ESD	eVT0287-eM-20-BLK	eFS12-300-A-eM-20-BLK	1 Unit	1/pk, 10/cs

- ✓ Clamshell style single frame shipper
- ✓ Conductive polystyrene material provides ESD protection
- ✓ Also works with DISCO 2-12 frames



Multi Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
380mm 13-Frame Shipper, PP ESD	eWB0195-ASSY-3	eFS12-300-13-ASSY-3	1 Unit	1/pk, 2/cs

- ✓ Holds 13 frames suspended between top and bottom cushions
- ✓ Conductive polypropylene material provides ESD protection
- ✓ Four positive-snap latches
- ✓ Also works with DISCO 2-12 frames



200mm (276mm) 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



- ✓ Works with substrates up to 200mm
- ✓ DISCO 2-8-1 style
- ✓ Polished stainless steel

Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
276mm Single Film Frame Shipper, PS ESD	eVT0320-eM-20-BLK	eFS8-200-R.2-eM-20-BLK	1 Unit	1/pk, 20/cs



- ✓ Clamshell style single frame shipper
- ✓ Conductive polystyrene material provides ESD protection
- ✓ Also works with DISCO 2-8-1 frames

Multi Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
276mm 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-pure polypropylene
- ✓ Four positive-snap latches
- ✓ Also works with DISCO 2-8-1 frames

200mm (266mm) Dicing/Flex/Film Frame Products

Frame

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

- ✓ Works with substrates up to 200mm
- ✓ K&S 350-104 style
- ✓ Polished stainless steel



Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
266mm Single Film Frame Shipper, PS ESD	eVT0377-eM-20-BLK	eFS8-200-R.3-eM-20-BLK	1 Unit	1/pk, 15/cs

- ✓ Clamshell style single frame shipper
- ✓ Conductive polystyrene material provides ESD protection
- ✓ Also works with K&S 350-104 frames



150mm (212mm) Dicing/Flex/Film Frame Products

Frame

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



- ✓ Works with substrates up to 150mm
- ✓ DISCO 2-6-1 style
- ✓ Polished stainless steel

Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
212mm Single Film Frame Shipper, PS ESD	eVT0302-eM-20-BLK	eFS6-150-R.1-eM-20-BLK	1 Unit	1/pk, 50/cs



- ✓ Clamshell style single frame shipper
- ✓ Conductive polystyrene material provides ESD protection
- ✓ Also works with DISCO 2-6-1 frames

Multi Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
212mm 25-Frame Shipper, PP ESD	eWB0214-ASSY-10-I1.2	eFS6-150-25-R.1-ASSY-10-I1.2	1 Unit	1/pk, 4/cs



- ✓ Holds 25 frames suspended between top and bottom cushions
- ✓ Conductive polypropylene material provides ESD protection
- ✓ Positive-snap latches
- ✓ Also works with DISCO 2-6-1 frames

150mm (216mm) Dicing/Flex/Film Frame Products

Frame

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

- ✓ Works with substrates up to 150mm
- ✓ K&S 350-103 style
- ✓ Polished stainless steel



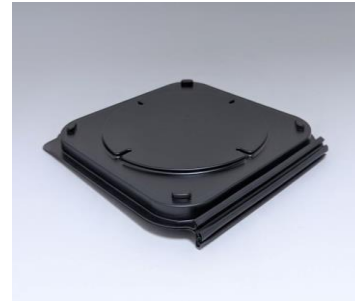
Single Frame Shipper

Description	Order Code	MPN	MOQ	Packaging
216mm Single Film Frame Shipper, PS ESD	eVT1384-eM-20-BLK	eFS6-150-R.5-eM-20-BLK	5 Units	5/pk, 50/cs

- ✓ Clamshell style single frame shipper
- ✓ Conductive polystyrene material provides ESD protection
- ✓ Also works with K&S 350-103 frames



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-R-YLW/RED	25 Units	25/pk, 100/cs

- ✓ Use in wafer expanders
- ✓ For use with wafers up to 200mm
- ✓ 225mm ID / 241mm OD
- ✓ Tough, modified polycarbonate material



Single Ring Shipper

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

- ✓ Clamshell style single ring shipper
- ✓ Conductive polystyrene material provides ESD protection



140/152mm Hoop/Grip/Expansion Ring Products

Hoop Ring

Description	Order Code	MPN	MOQ	Packaging
Hoop Rings - Grey Inner/Blue Outer	eOP0051/0050-eM-16-GRY/BLU	eHR-140/152-6-eM-16-GRY/BLU	10 Units	10/pk, 200/cs

- ✓ Use in wafer expanders
- ✓ For use with wafers up to 125mm
- ✓ 140mm ID / 152mm OD
- ✓ Tough, modified polycarbonate material



Single Ring Shipper

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

- ✓ Clamshell style single ring shipper
- ✓ Conductive polystyrene material provides ESD protection



ESD Bags



ESD Bags

- ✓ Advanced static protection
- ✓ Solid barrier against moisture and vapors
- ✓ Protects your product from contamination
- ✓ Heat-sealable, puncture resistant, and suitable for vacuum processing
- ✓ Low minimum order size
- ✓ Fast lead-times



Size	Order Code	MOQ
24"x 24"	ESD Foil Bag-0474	10/pack
18"x 20"	ESD Foil Bag-0427	10/pack
12"x 16"	ESD Foil Bag-0426	10/pack
10"x 12"	ESD Foil Bag-0425	10/pack
6"x 8"	ESD Foil Bag-0424	10/pack
4"x 6"	ESD Foil Bag-0423	10/pack

Barrier Bags

- ✓ Highest protection against wafer contamination when both inner and outer bags, and optional desiccant are used
- ✓ Excellent barrier properties against moisture and vapors
- ✓ Heat-sealable, puncture resistant, suitable for vacuum and N2 purge processing
- ✓ Cleanroom manufactured and packaged



Item	Description	MOQ
MW-030-NA	Inner FOUP/FOSB Bag	10/pack
MW-031A	Outer FOUP/FOSB Bag	10/pack
RT-DRY50	Desiccant Pack (50g)	10/pack

Redstone Services



Lifecycle Management

- ✓ 144² Class 1000 cleanroom
- ✓ Mechanical and dimensional inspection
- ✓ RO and DI water systems
- ✓ Wash using non-ionic surfactant
- ✓ Dry under HEPA filtered air
- ✓ Sealed in cleanroom bags



Warehousing & Logistics

- ✓ 15,000² warehouse
- ✓ Accepting 1 – 100 pallets
- ✓ Load-in, Load-out, and storage
- ✓ Air, truck, and sea logistics services
- ✓ PICK and SHIP services



Laser-Marking Services

- ✓ Permanent marking on PFA
- ✓ No inks or dyes used
- ✓ Barcode available
- ✓ Cleaned after marking



Custom & Modified Products

- ✓ For unique and custom applications
- ✓ Capabilities include:
 - Injection molding and thermo-forming
 - Machining and welding
 - Die cutting
 - Water jet cutting
 - Plasma cutting



Any Questions? We are here for you.

For further information please visit our website, email us, or give us a call. Our experienced team is dedicated to helping you find the right solution.



Contact Us

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