



Front End and Wafer Handling Products Catalog - 2015-

<i>Products</i>	<i>Pages</i>
1" / 2" / 2.5" / 3"	
* Single Wafer Shippers	28
* 25 Wafer Shipping Boxes	11, 12
* Process Boats	14, 18, 19
* Storage Boxes	14
* Envelopes	22
* OverPAKs™	24-25, 29
4" (100mm)	
* Single Wafer Shippers	28
* 25 Wafer Shipping Boxes	11, 12, 13
* Wafer Jars	5
* Process Boats	14, 18, 19
* Storage Boxes	14
* Envelopes	22
* OverPAKs	24-25, 29
5" (125mm)	
* Single Wafer Shippers	28
* 25 Wafer Shipping Boxes	13
* Wafer Canisters	4
* Wafer Jars	5
* Process Boats	15, 18, 19
* Storage Boxes	15, 21
* Envelopes	22
* OverPAKs™	24-25,

<i>Products</i>	<i>Pages</i>
6" (150mm)	
* Single Wafer Shippers	28, 30, 31
* 25 Wafer Shipping Boxes	12-13
* Wafer Canisters	3-4
* Wafer Jars	5
* Process Boats	16, 18, 20
* Storage Boxes	16, 21
* OverPAKs™	24-25
* Envelopes	22
8" (200mm)	
* Single Wafer Shippers	30, 31, 32
* 25 Wafer Shipping Boxes	13
* Wafer Canisters	3-4
* Wafer Jars	5
* Process Boats	17, 18, 20
* Storage Boxes	17, 21
* OverPAKs™	24-25
* Envelopes	22
12" (300mm)	
* Single Wafer Shippers	30, 32
* Wafer Canisters	3-4
* Wafer Jars	5
* OverPAKs™	24-25
18" (450mm)	
* Single Wafer Shippers	30

<i>Products</i>	<i>Pages</i>
Internal Canister/Jar Cushioning	
* Separators/Interleaf	6
* Foam Disks	7
* Foam Liners for Wafer Jars	8
* ePAD™ Wafer Protection System	9-10
Film / Flex Frames	
* Film / Flex Frames	34, 35
* Film Frame OverPAKs™	26
* Film Frame Single Shippers	36
* Film Frame Multi-Shippers	37
* Film Frame Canisters	38
* Film Frame Canister Accessories	39-40
Grip / Hoop Rings	
* Grip / Hoop Rings	41
* Shippers	42
Chip Trays	
* Chip Trays & Accessories	44-46
Bags	
* Clean Room	51, 52,
* Moisture Barrier	53-55
Handles	
* Handles for Process Boats	27
Glass Substrate Shippers	43
Laser Marking	49
Badge Holders & Clips	23



eLX™ WAFER CANISTERS*

- Enhanced protection of wafer surfaces
- Minimizes lateral movement without applying compression to delicate wafer edges
- Advanced design minimizes particle generation
- Secure 4 latch system (with 2 latch option)
- Impact resistant design
- Large label areas
- Interfaces with industry robotic handling equipment
- Drop-in replacement for old industry designs



Wafer canister part numbers and ordering information:

Wafer Size	ePAK Description	Internal Diameter	Internal Height	Corner Latches #	Outside Base Size	Std Pack Quantity	ePAK Order Code
6"	eCT-LX6/150-2-44-R.1x	151 mm	44 mm (1.73")	2	174.5mm x 174.5mm	10/carton	eWB0086-2-x
6"	eCT-LX6/150-4-44-R.1-x	151 mm	44 mm (1.73")	4	174.5mm x 174.5mm	10/carton	eWB0086-4-x
6"	eCT-LX6/150-2-44-x	151 mm	44 mm (1.73")	2	225mm x 225mm	10/carton	eWB0019-2-x
6"	eCT-LX6/150-4-44-x	151 mm	44 mm (1.73")	4	225mm x 225mm	10/carton	eWB0019-4-x
8"	eCT-LX8/200-2-44-x	201 mm	44 mm (1.73")	2	225mm x 225mm	10/carton	eWB0018-2-x
8"	eCT-LX8/200-4-44-x	201 mm	44 mm (1.73")	4	225mm x 225mm	10/carton	eWB0018-4-x
8"	eCT-LX-8/200-4-69-X	200.8 mm	69 mm (2.72")	4	225mm x 225mm	10/carton	eWB0383-4-x
12"	eCT-LX12/300-4-44-x	301.5 mm	44 mm (1.73")	4	326mm x 326mm	5/carton	eWB0026-4-x
12"***	eCT-LX12/300-4-71-X	301.2 mm	71 mm (1.73")	4	326mm x 326mm	5/carton	eWB0371-4-x

***NOTE: Coming Soon in 2015!

eFORM™ –Clean Adjustable Platform option to minimize vertical movement (–x in P/N):

Wafer Size	ePAK Description	Diameter	Adjustable Height	Std Pack Quantity	ePAK Order Code
6"	eAP6-150-16-x	150 mm	16 mm	10/pack	eOP0042-x
8"	eAP8-200-16-x	200 mm	16 mm	10/pack	eOP0041-x
12"	eAP12-300-16-x	300 mm	16 mm	10/pack	eOP0045-x

Material code options (–x in P/N):

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5

-A wide range of cushion disks and wafer separators are available-

(*PATENTS: US #6988620, PRC #ZL 03 2 07820 X, Singapore #106157, Taiwan # 1299315, Japan #4383808)

[RETURN TO TABLE OF CONTENTS](#)



STANDARD WAFER CANISTERS

- For high-security transit of wafers
- Designed for stacking
- Quick release snap-lock design for lid removal
- Recessed slots for easy loading and unloading
- Wafer loader machine compatible with most industry equipment



Wafer canister part numbers and ordering information:

Wafer Size	ePAK Description	Internal Diameter	Internal Height	Corner Latches #	Std Pack Quantity	ePAK Order Code
5" **	eLC-TI5/125-2-x	127 mm	28 mm (1.1")	2	20/carton	eWB0055-2-x
5" **	eLC-TI5/125-4-x	127 mm	28 mm (1.1")	4	20/carton	eWB0055-4-x
6" **	eLC-TI6/150-2-x	152 mm	28 mm (1.1")	2	20/carton	eWB0102-2-x
6"	eCT-152-26-x	152 mm	26 mm (1.1")	2	30/carton	eWB0007-x
8" **	eLC-TI8/200-2-x	202 mm	28 mm (1.1")	2	20/carton	eWB0075-2-x
8" **	eLC-TI8/200-4-x	202 mm	28 mm (1.1")	4	20/carton	eWB0075-4-x
8"	eCT-202-30-x	202 mm	30 mm (1.2")	2	20/carton	eWB0004-x
8"	eCT8/200-38-2-x	202 mm	38 mm (1.5")	2	20/carton	eWB0234-2-x
8"	eCT8/200-38-4-x	202 mm	38 mm (1.5")	4	20/carton	eWB0234-4-x
12"	eCT12-300-18-x	303 mm	18 mm (0.7")	4	10/carton	eWB0069-x
12" **	eCT-303-21-x	303 mm	21 mm (0.9")	4	10/carton	eWB0009-x

(** Patented "Double Ring" design)

Material code options (–x in P/N):

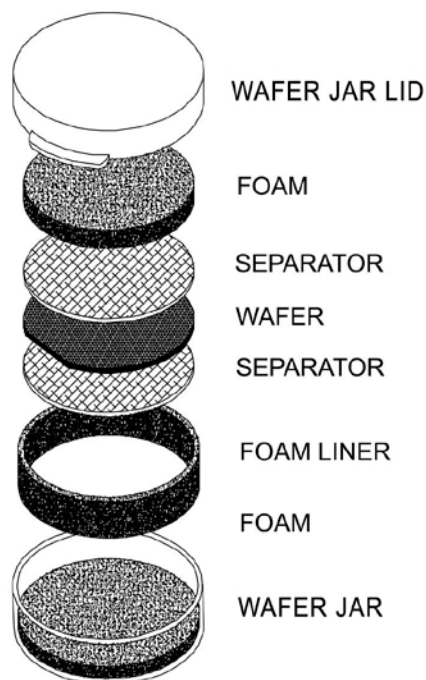
Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
Natural PP	eM-08-NAT	n/a

- A wide range of cushion disks and wafer separators are available

[RETURN TO TABLE OF CONTENTS](#)

- Easy loading/unloading in automated or manual applications
- Impact resistant containers feature a snap-on lid for secure packing
- Available in both conductive PP and natural (non-conductive) PP materials
- A wide range of cushion disks, jar liners and wafer separators are available

Wafer Jar part numbers and ordering information:



Wafer Size	ePAK Description	Internal Diameter	Internal Height	Std Pack Quantity	ePAK Order Code
4"	eJR4-100-23-X	111 mm	23 mm (0.9")	200/carton	eWB0040-x
4"	eJR4-100-32-X	111 mm	32 mm (1.3")	200/carton	eWB0044-x
4"	eJR4-100-49-X	117 mm	49 mm (1.9")	100/carton	eWB0038-x
4"	eJR4-100-60.5-X	111 mm	60.5 mm (2.4")	100/carton	eWB0041-x
5"	eJR5-125-38-X	142 mm	38 mm (1.5")	100/carton	eWB0072-x
5"	eJR5-125-49-X	142 mm	49 mm (1.9")	100/carton	eWB0128-x
5"(Note #1)					
5"(Note #2)	-				
5" (Note #3)	-				
6"	eJR6-150-20-X	167 mm	20 mm (0.8")	100/carton	eWB0033-x
6"	eJR-170-38-X	167 mm	38 mm (1.5")	100/carton	eWB0001-x
6"	eJR6-150-49-X	167 mm	49 mm (1.9")	100/carton	eWB0150-x
6"	eJR-167-76-X	167 mm	76 mm (3")	60/carton	eWB0008-x
8"	eJR8-200-23-X	235 mm	23 mm (0.9")	40/carton	eWB0035-x
8"	eJR-235-51-X	235 mm	51 mm (2")	20/carton	eWB0010-x
12"(Note #4)	eJR12-300-23-X	303 mm	23 mm (0.9")	10/carton	eWB0054-x

Note #1: Additional 5"x 20mm option for wafers utilize the 6" (eJR-150-20-X)Jar, 6" (eFL6-518-19-6- eM-04-H-PNK)Liner, and the 5"(eFL5-474-19-13- eM-04-H-PNK) Liner

Note #2: Additional 5"x 38mm option for wafers utilize the 6" (eJR-170-38-X)Jar, 6" (eFL6-518-37-6- eM-04-H-PNK)Liner, and the 5"(eFL5-474-37-13- eM-04-H-PNK) Liner

Note #3: Additional 5"x 76mm option for wafers utilize the 6" (eJR-167-76-X)Jar, 6" (eFL6-518-75-6- eM-04-H-PNK)Liner, and the 5"(eFL5-474-75-13- eM-04-H-PNK) Liner

Note #4: Patented "Double Ring" design does not require a foam liner.

Material code options (–x in P/N):

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
Natural PP	eM-08-NAT	n/a

[RETURN TO TABLE OF CONTENTS](#)

Wafer Separators – (Interleaf) for use between individual wafers

Anti-static spun PO (Tyvek®)

Wafer Size	ePAK Description	Interleaf Diameter	Separator Thickness	Std Pack Quantity	ePAK Order Code
4"	eIL4-100-0.16-eM-03-A-WHT	100 mm	0.16 mm (.006")	250/pack	eIL0010-eM-03-A-WHT
5"	eIL5-125-0.16-eM-03-A-WHT	125 mm	0.16 mm (.006")	250/pack	eIL0007-eM-03-A-WHT
6"	eIL6-150-0.16-eM-03-A-WHT	150 mm	0.16 mm (.006")	250/pack	eIL0005-eM-03-A-WHT
8"	eIL8-200-0.16-eM-03-A-WHT	200 mm	0.16 mm (.006")	250/pack	eIL0004-eM-03-A-WHT
12"	eIL12-300-0.16-eM-03-A-WHT	300 mm	0.16 mm (.006")	250/pack	eIL0006-eM-03-A-WHT

Carbon Separator (Conductive PS)

Wafer Size	ePAK Description	Interleaf Diameter	Separator Thickness	Std Pack Quantity	ePAK Order Code
4"	eIL4-100-0.07-eM-20-BLK	100 mm	0.07 mm (.003")	200/pack	eIL0023-eM-20-BLK
4"	eIL4-100-0.13-eM-20-BLK	100 mm	0.13 mm (.005")	200/pack	eIL0009-eM-20-BLK
5"	eIL5-125-0.07-eM-20-BLK	125 mm	0.07 mm (.003")	200/pack	eIL0024-eM-20-BLK
5"	eIL5-125-0.13-eM-20-BLK	125 mm	0.13 mm (.005")	200/pack	eIL0008-eM-20-BLK
6"	eIL6-150-0.07-eM-20-BLK	150 mm	0.07 mm (.003")	200/pack	eIL0016-eM-20-BLK
6"	eIL6-150-0.13-eM-20-BLK	150 mm	0.13 mm (.005")	200/pack	eIL0002-eM-20-BLK
8"	eIL8-200-0.07-eM-20-BLK	200 mm	0.07 mm (.003")	200/pack	eIL0022-eM-20-BLK
8"	eIL8-200-0.13-eM-20-BLK	200 mm	0.13 mm (.005")	200/pack	eIL0001-eM-20-BLK
12"	eIL12-300-0.16-eM-20-BLK	300 mm	0.16 mm (.006")	150/pack	eIL0003-eM-20-BLK

Material code info:

Material	Code	SR
Anti-static spun PO (Tyvek®)	eM-03-A-WHT	10e6-10e11
Proprietary conductive PS	eM-20-BLK	10e4-10e11

[RETURN TO TABLE OF CONTENTS](#)

FOAM PACKING MATERIALS

-FOAM CUSHION DISKS-

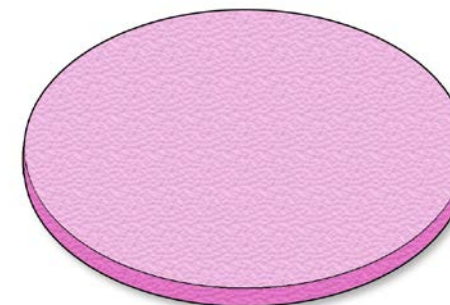
Top/Bottom Cushion Disks –ESD sensitive cushioning material for use with Canisters and Jars

Wafer Size	ePAK Description	Foam Diameter	Foam Thickness	Std Pack Quantity	ePAK Order Code
4"	eFD4-100-3-eM-04-H-PNK	100mm	3 mm	100/pack	eFD0010-eM-04-H-PNK
4"	eFD4-100-6-eM-04-H-PNK	100mm	6 mm	50/pack	eFD0011-eM-04-H-PNK
5"	eFD5-125-3-eM-04-H-PNK	125mm	3 mm	100/pack	eFD0008-eM-04-H-PNK
5"	eFD5-125-6-eM-04-H-PNK	125mm	6 mm	50/pack	eFD0004-eM-04-H-PNK
6"	eFD6-150-3-eM-04-H-PNK	150mm	3 mm	100/pack	eFD0007-eM-04-H-PNK
6"	eFD6-150-6-eM-04-H-PNK	150 mm	6 mm	50/pack	eFD0002-eM-04-H-PNK
8"	eFD8-200-3-eM-04-H-PNK	200 mm	3 mm	100/pack	eFD0006-eM-04-H-PNK
8"	eFD8-200-6-eM-04-H-PNK	200 mm	6 mm	50/pack	eFD0001-eM-04-H-PNK
***8"	eFD8-205-3-eM-04-H-PNK	205 mm	3 mm	100/pack	eFD0013-eM-04-H-PNK
***8"	eFD8-205-6-eM-04-H-PNK	205 mm	6 mm	50/pack	eFD0012-eM-04-H-PNK
12"	eFD12-300-3-eM-04-H-PNK	300 mm	3 mm	100/pack	eFD0009-eM-04-H-PNK
12"	eFD12-300-6-eM-04-H-PNK	300 mm	6 mm	50/pack	eFD0003-eM-04-H-PNK

***FOR USE WITH WAFER JAR ONLY

Material code options:

Material	Code	SR
Closed-cell polyethylene	eM-04-H-PNK	10e5-10e11



[RETURN TO TABLE OF CONTENTS](#)

FOAM PACKING MATERIALS

- JAR LINERS-

Jar Liner– ESD sensitive cushioning material for use with Wafer Jars only

Wafer Size	ePAK Description	Foam Length	Foam Width	Foam Thickness	Std Pack Quantity	ePAK Order Code
4"	eFL4-345-22-3-eM-04-H-PNK	345 mm	22 mm	3 mm	25/pack	eFL0022-eM-04-H-PNK
4"	eFL4-345-31-3-eM-04-H-PNK	345 mm	31 mm	3 mm	25/pack	eFL0028-eM-04-H-PNK
4"	eFL4-362-48-6-eM-04-H-PNK	362 mm	48 mm	6 mm	25/pack	eFL0023-eM-04-H-PNK
4"	eFL4-345-59.5-3-eM-04-H-PNK	345 mm	59.5 mm	3 mm	25/pack	eFL0029-eM-04-H-PNK
5"	eFL5-435-37-6-eM-04-H-PNK	435 mm	37 mm	6 mm	25/pack	eFL0039-eM-04-H-PNK
5"	eFL5-435-48-6-eM-04-H-PNK	435 mm	48 mm	6 mm	25/pack	eFL0056-eM-04-H-PNK
5" (see Note#1)	eFL5-474-19-13-eM-04-H-PNK	474 mm	19 mm	13 mm	25/pack	eFL0030-eM-04-H-PNK
5" (see Note#2)	eFL5-474-37-13-eM-04-H-PNK	474 mm	37 mm	13 mm	25/pack	eFL0007-eM-04-H-PNK
5" (see Note#3)	eFL5-474-75-13-eM-04-H-PNK	474 mm	75 mm	13 mm	25/pack	eFL0008-eM-04-H-PNK
6"	eFL6-518-19-6-eM-04-H-PNK	518 mm	19 mm	6 mm	50/pack	eFL0012-eM-04-H-PNK
6"	eFL6-518-37-6-eM-04-H-PNK	518 mm	37 mm	6 mm	50/pack	eFL0002-eM-04-H-PNK
6"	eFL6-518-48-6-EM-04-H-PNK	518 mm	48 mm	6 mm	50/pack	eFL0062-eM-04-H-PNK
6"	eFL6-518-75-6-eM-04-H-PNK	518 mm	75 mm	6 mm	50/pack	eFL0003-eM-04-H-PNK
8"	eFL8-712-22-13-eM-04-H-PNK	712 mm	22 mm	13 mm	25/pack	eFL0013-eM-04-H-PNK
8"	eFL8-712-50-13-eM-04-H-PNK	712 mm	50 mm	13 mm	25/pack	eFL0001-eM-04-H-PNK

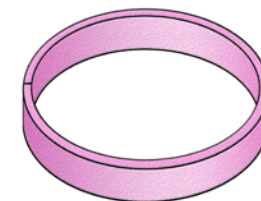
Notes #1 This 5" wafer configuration utilizes the 6"(eJR-167-20-EM-04-H-PNK) Jar, 6" (eFL6-518-19-6-eM-04-H-PNK) Liner, and this 5"(eFL5-474-19-13-eM-04-H-PNK) Liner

Notes #2 This 5" wafer configuration utilizes the 6"(eJR-167-38-EM-04-H-PNK) Jar, 6" (eFL6-518-37-6-eM-04-H-PNK) Liner, and this 5"(eFL5-474-37-13-eM-04-H-PNK) Liner

Notes #3 This 5" wafer configuration utilizes the 6"(eJR-167-76-EM-04-H-PNK) Jar, 6" (eFL6-518-75-6-eM-04-H-PNK) Liner, and this 5"(eFL5-474-75-13-eM-04-H-PNK) Liner

Material code options

Material	Code	SR
Closed-cell polyethylene	eM-04-H-PNK	10e5-10e11



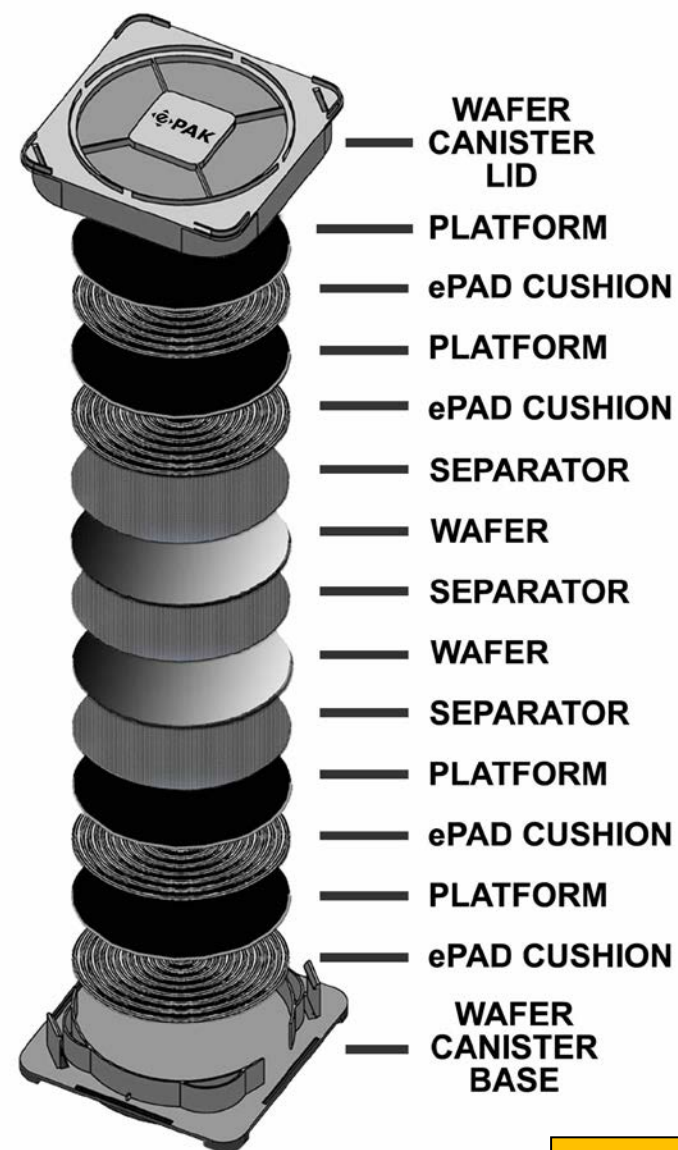
[RETURN TO TABLE OF CONTENTS](#)



*ePADTM * WAFER PROTECTION SYSTEM*

High performance alternative to foam-based solutions

- Made from proprietary, low-ionic, flexible, conductive polystyrene
- Ideal for both Cu and Al metallized wafers
- Best choice for both long and short term storage needs
- Available for 6", 8" and 12" wafer sizes



(*PATENTS: US #7425362, Singapore #105587, Japan #4205540,
Taiwan #I297662, PRC#ZL 03 2 07819.6)



[RETURN TO TABLE
OF CONTENTS](#)

ePAD™ Thermal Formed Wafer Cushion – Particle free, vacuum formed, cushioning material for wafer stack

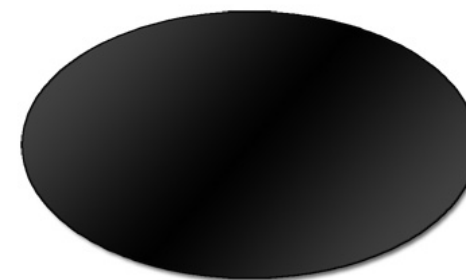
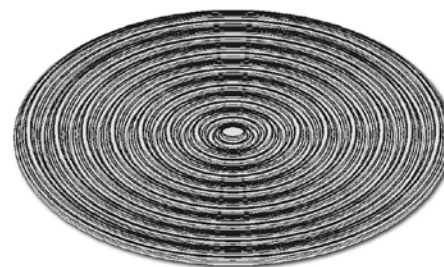
Wafer Size	ePAK Description	Diameter	Thickness	Std Pack Quantity	ePAK Order Code
6"	eWP6-150-3-x	150 mm	3 mm	50/box	eVT0208-x
6"	eWP6-150-5-x	150 mm	5 mm	50/box	eVT0048-x
8"	eWP8-200-3-x	200 mm	3 mm	50/box	eVT0209-x
8"	eWP8-200-5-x	200 mm	5 mm	50/box	eVT0030-x
12"	eWP12-300-5-x	300 mm	5 mm	50/box	eVT0210-x

ePAD™ Wafer Platform – Provides the flat surface required for the proper function of the ePAD system

Wafer Size	ePAK Description	Diameter	Thickness	Std Pack Quantity	ePAK Order Code
6"	eFP6-150-0.8-x	150 mm	0.8 mm	50/box	eVT0049-x
8"	eFP8-200-0.8-x	200 mm	0.8 mm	50/box	eVT0050-x
12"	eFP12-300-0.8-x	300 mm	0.8 mm	50/box	eVT0211-x

Material code options for all ePAD™ Thermal Formed Wafer packing materials (–x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11



(*PATENTS: US #7425362, Singapore #105587, Japan #4205540, Taiwan #1297662, PRC#ZL 03 2 07819.6)

[RETURN TO TABLE OF CONTENTS](#)

VACUUM-FORMED WAFER SHIPPING BOXES

- Designed to hold 25 wafers by the edge
- Economical solution for small wafers
- 2 piece design includes Lid and Base



Product info

Wafer Size	ePAK Description	Internal Diameter	ePAK Order Code
1"	eV8-1/25-25-Base/Lid-0.8-x	25 mm	eVT0404-x
2"	eV8-2/50-25-Base/Lid-0.8-x	50 mm	eVT0241-x
2.5"	eV10-2.5/63.5-25-Base/Lid-0.8-x	63.5 mm	eVT0406-x
3"	eV10-3/76-25-Base/Lid-1.3-x	76 mm	eVT0242-x
3"	eV10-3/76-25-Base/Lid-0.8-x	76 mm	eVT0294-x
4"	eV12-4/100-25-Base/Lid-0.7-x	100 mm	eVT0293-x
4"	eV12-4/103-25-Base/Lid-1.3-x	103 mm	eVT0405-x
6"	eV15-6/150-13-Base/Lid-1.5-x	150 mm	eVT0736-x

Material code options (–x in P/N):

Material	Code	SR
Clear PS	eM-21-CLR	n/a



WAFER SHIPPING BOXES



- Designed to hold multiple wafers by the edge
- 3 piece design includes Top, Cassette, and Base
- Designed to interface with automated equipment
- Clean Room plastic shipping bags available

Product info

Wafer Size	ePAK Description	Internal Diameter	Number of Wafers Held	ePAK Order Code
1"	eMS-1/25.4-25-R.1-ASSY-#	25.4 mm	25	eWB0302-ASSY-#
2"	eMS-2/50-25-ASSY-#	50 mm	25	eWB0028-ASSY-#
** 2"	eMS-2/50-25-R.2-ASSY-#	50 mm	25	eWB0340-ASSY-#
2.5"	eMS-2.5/61.75-25-ASSY-#	61.75 mm	25	eWB0105-ASSY-#
3"	eMS-3/76-25-ASSY-#	76 mm	25	eWB0029-ASSY-#
** 3"	eMS-3/76-25-R.3-ASSY-#	76 mm	25	eWB0297-ASSY-#
4"	eMS-4/100-10-ASSY-#	100 mm	10	eWB0258-ASSY-#
4"	eMS-4/100-25-ASSY-#	100 mm	25	eWB0259-ASSY-#
6"	eMS-6/150-10-ASSY-#	150 mm	10	eWB0286-ASSY-#
6"	eMS-6/150-10-R.1-ASSY-#	150 mm	10	eWB0347-ASSY-#

**notes: eWB0340 & eWB0297 are for thinned wafers (<0.4mm)



Material code options:

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
Natural PP	eM-08-NAT	n/a

[RETURN TO TABLE OF CONTENTS](#)

ePRO™ * WAFER SHIPPING BOXES

- Designed to hold 25 wafers by the edge
- Made from ultra-clean PP material
- 3 piece design includes Lid, Cassette, and Base



Product info

Wafer Size	ePAK Description	Internal Diameter
4"	ePRO-4/100-25-ASSY-#	100 mm
4"	ePRO II-4/100-25-ASSY-#	100 mm
4"	ePRO III-4/100-25-ASSY-#	100 mm
5"	ePRO-5/125-25-ASSY-#	125 mm
5"	ePRO II-5/125-25-ASSY-#	125 mm
5"	ePRO III-5/125-25-ASSY-#	125 mm
6"	ePRO-6/150-25-ASSY-#	150 mm
6"	ePRO II-6/150-25-ASSY-#	150 mm
6"	ePRO III-6/150-25-ASSY-#	150 mm
8"	ePRO-8/200-25-ASSY-#	200 mm
8"	ePRO II-8/200-25-ASSY-#	200 mm
8"	ePRO III-8/200-25-ASSY-#	200 mm

Please contact ePAK or your local agent to discuss all options available to fit your requirements.

Material code options:

Material	Code	SR
Natural PP	eM-08-NAT	n/a

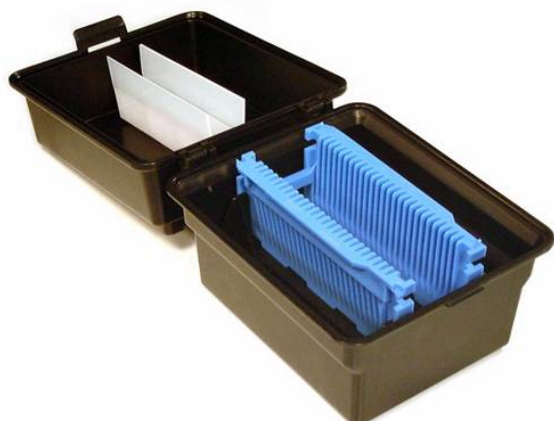
(*PATENT PENDING)

[RETURN TO TABLE OF CONTENTS](#)



2", 3" & 4" PROCESS BOATS & BOXES

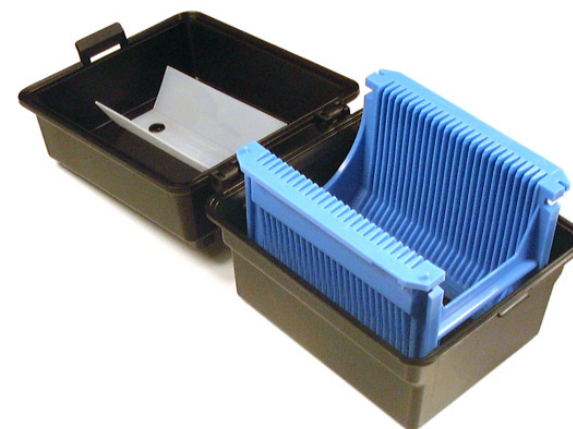
(For Process Boat ordering information, see product details on Page 18)



ePB-2/50-25-x-y
inside
ePBX-2-ASSY-#



ePB-3/76-25-x-y
inside
ePBX-3-ASSY-#



ePB-4/100-25-x-y
inside
ePBX-4-ASSY-#

2", 3" & 4" Storage Box Product info

Wafer Size	ePAK Description	ePAK Order code
2"	ePBX-2-ASSY-#	eWB0095-ASSY-#
3"	ePBX-3-ASSY-#	eWB0123-ASSY-#
3"	ePBX-3-R.1-ASSY-#	eWB0260-ASSY-#
4"	ePBX-4-ASSY-#	eWB0124-ASSY-#

Material code info:

Material	Code	SR
Conductive Polypropylene (Black only)	eM-01-BLK	10e4-10e5
Polypropylene (Multiple Color Options →)	eM-08-(color code)	n/a
PP+PTFE+ CF (Dark Grey only)	eM-45-BLK	10e4-10e10
PP+CF (Black only)	eM-46-BLK	10e4-10e10

Color code info

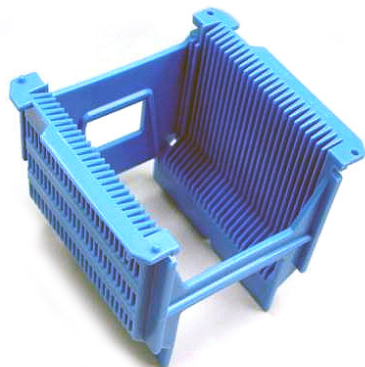
BLU = Blue
GRN = Green
RED = Red
YLW = Yellow

[RETURN TO TABLE OF CONTENTS](#)

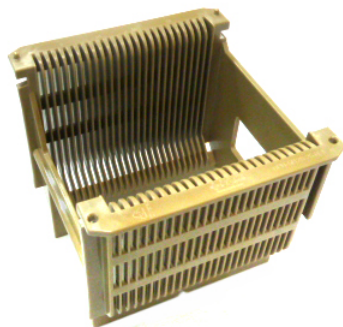


5" PROCESS BOATS & BOXES

(For ordering information, see product details on Pages 18-20)



ePB-5/125-25-x-y



ePB-5/125-25-R.1-eM-61-BRW



ePB-5/125-25-R.2-x-y



ePB-5/125-25-R.4-eM-47-BLK



ePB-5/125-25-R.5-x-y



ePBX-5/125-ASSY-#



ePBX-5/125-R.1-ASSY-#



ePBX-5/125-2-ASSY-#



[RETURN TO TABLE
OF CONTENTS](#)

6" PROCESS BOATS & BOXES

(For ordering information, see product details on Pages 19-20)



ePB-6/150-25-x-y



ePB-6/150-25-R.1-x-y



ePB-6/150-25-R.2-eM-47-BLK



ePB-6/150-25-R.4-eM-56



ePB-6/150-25-R.6-x-y



ePBX-6/150-ASSY-#



ePBX-6/150-R.1-ASSY-#



ePBX-6/150-R.3-ASSY-#



ePB-6/150-25-R.9-x-y



ePB-6/150-12-x-y



ePBX-6/150-R.5-ASSY-#



ePBX-6/150-2-ASSY-#



ePBX-6/150-R.7-ASSY-#



ePBX-6/150-R.10-ASSY-#

8" PROCESS BOATS & BOXES

(For ordering information, see product details on Pages 19 - 20)



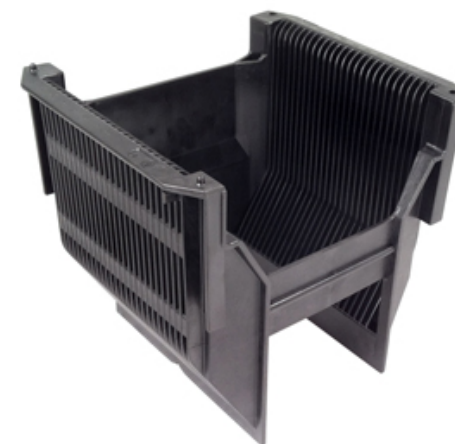
ePB-8/200-25-eM-45-BLK



ePB-8/200-25-R.2-x-y



ePB-8/200-13-x-y



ePB-8/200-25-R.9-eM-47



ePBX-8/200-ASSY-#



ePBX-8/200-R.1-ASSY-#



ePBX-8/200-R.3-ASSY-#



ePBX-8/200-R.6-ASSY-#

PFA PROCESS CASSETTES



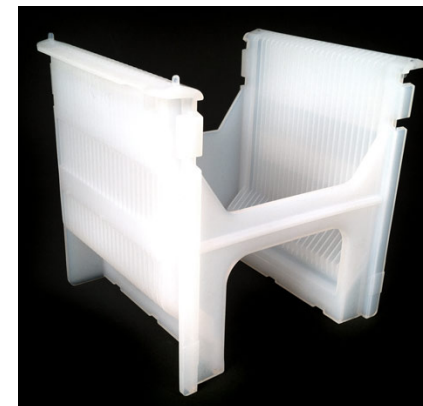
ePB-2/50-25-R.1-eM-39-NAT



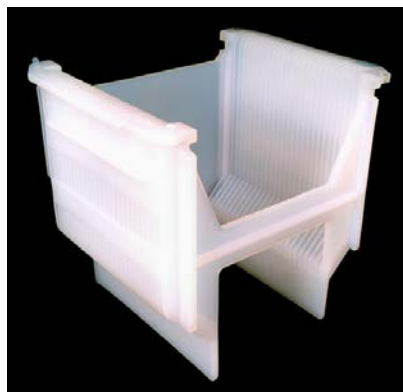
ePB-3/76-25-R.6-eM-39-NAT



ePB-4/100-25-R.9-eM-39-NAT



ePB-6/150-25-R.11-eM-39-NAT



ePB-6/150-25-R.8-eM-39-NAT



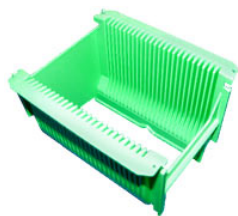
ePB-6/150-25-R.10-eM-39-NAT



ePB-8/200-25-R.6-eM-39-NAT



ePB-8/200-25-R.10-eM-39-NAT



PROCESS BOATS

Wafer Size	ePAK P/N Description	Internal Diameter	Slots	ePAK Order Code	Materials available	Notes
2"	ePB-2/50-25-x-y	50 mm	25	eWB0031-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
2"	ePB-2/50-25-R.1-eM-39-NAT	50 mm	25	eWB0316-eM-39-NAT	eM-39-NAT	-
2.5"	ePB-2.5/63.5-25-eM-39-NAT	63.5mm	25	eWB0405-eM-39-NAT	eM-39-NAT	
3"	ePB-3/76-25-x-y	76 mm	25	eWB0032-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
3"	ePB-3/76-25-R.2-x-y	76 mm	25	eWB0092-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
3"	ePB-3/76-25-R.3-x-y	76 mm	25	eWB0096-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
3"	ePB-3/76-25-R.4-x-y	76 mm	25	eWB0276-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
3"	ePB-3/76-25-R.5-eM-56	76 mm	25	eWB0280-eM-56-NAT	eM-56-NAT	(note: 3" boat in a 5" Outline)
3"	ePB-3/76-25-R.6-eM-39-NAT	76 mm	25	eWB0306-eM-39-NAT	eM-39-NAT	-
4"	ePB-4/100-25-x-y	100 mm	25	eWB0049-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
4"	ePB-4/100-25-R.2-x-y	100 mm	25	eWB0125-eM-56-NAT	eM-56-NAT	(note: 4" boat in a 5" Outline)
4"	ePB-4/100-25-R.6-x-y	100 mm	25	eWB0277-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
4"	ePB-4/100-25-R.8-x-y	100 mm	25	eWB0308-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
4"	ePB-4/100-25-R.9-eM-39-NAT	100 mm	25	eWB0309-eM-39-NAT	eM-39-NAT	"-W" Window Option available
5"	ePB-5/125-25-x-y	125 mm	25	eWB0088-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
5"	ePB-5/125-25-R.1-eM-61-BRW	125 mm	25	eWB098-eM-61-BRW	eM-61-BRW	"-N-" Notch Option available
5"	ePB-5/125-25-R.2-x-y	125 mm	25	eWB0114-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-
5"	ePB-5/125-25-R.4-eM-47-BLK	125 mm	25	eWB00229-eM-47-BLK	eM-47-BLK	"-N-" Notch Option available
5"	ePB-5/125-25-R.5-x-y	125 mm	25	eWB00300-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	-

...continued next page.

Material code info ("x" in P/N):

Material	Code	SR
Conductive Polypropylene (Black color only)	eM-01-BLK	10e4-10e5
Polypropylene (Multiple Color Options →)	eM-08-y	n/a
PFA (No color option)	eM-39-NAT	n/a
PP+PTFE+ CF (Dark Grey color only)	eM-45-BLK	10e4-10e10
PEEK + CF (No color option)	eM-47-BLK	≤10e9
Polyvinylidene Difluoride (PVDF, Natural color only)	eM-56-NAT	n/a

Color code info (-y in P/N)

NAT = Natural(no color added)
 BLU = Blue
 GRN = Green
 RED = Red
 YLW = Yellow

[RETURN TO TABLE OF CONTENTS](#)

Wafer Size	ePAK P/N Description	Internal Diameter	Slots	ePAK Order Code	Materials Available	Alternative ePAK P/N (-N) = with Notch Option (-W) = with Window Option (-H) = with Handle Option
6"	ePB-6/150-25-x-y	150 mm	25	eWB0051-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	ePB-6/150-25-N-x-y
6"	ePB-6/150-25-R.1-x-y	150 mm	25	eWB0052-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	ePB-6/150-25-R.1-N-x-y
6"	ePB-6/150-25-R.2-N-eM-47-BLK	150 mm	25	eWB0101-N-eM-47-BLK	eM-47-BLK	Notch is Standard
6"	ePB-6/150-25-R.4-eM-56	150 mm	25	eWB0153-eM-56	eM-56-NAT	ePB-6/150-25-R.4-N-eM-56
6"	ePB-6/150-25-R.6-x-y	150 mm	25	eWB0188-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	ePB-6/150-25-R.6-N-x-y
6"	ePB-6/150-25-R.8-eM-39-NAT	150 mm	25	eWB0304-eM-39-NAT	eM-39-NAT	ePB-6/150-25-R.8-W-eM-39-NAT
6"	ePB-6/150-25-R.9-x-y	150 mm	25	eWB0307-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	ePB-6/150-25-R.9-W-x-y
6"	ePB-6/150-25-R.10-eM-39-NAT	150 mm	25	eWB0318-eM-39-NAT	eM-39-NAT	n/a
6"	ePB-6/150-25-R.11-eM-39-NAT	150 mm	25	eWB0327-eM-39-NAT	eM-39-NAT	n/a
6"	ePB-6/150-25-R.12-eM-39-NAT	150mm	25	eWB0342-eM-39-NAT	eM-39-NAT	n/a
6"	ePB-6/150-12-x-y	150 mm	12	eWB0135-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	ePB-6/150-12-N-x-y
6"	ePB-6/150-15-x-y	150mm	15	eWB0359-x-y	eM-01-BLK, eM-08-y	
6"	ePB-6/150-20-R.1-eM-39-NAT	150mm	20	eWB0372-eM-39-NAT	eM-39-NAT	
159 mm	ePB-6/159-25-eM-47-BLK	159 mm	25	eWB0207-eM-47-BLK	eM-47-BLK	ePB-6/159-25-N-eM-47-BLK
159 mm	ePB-6/159-25-R.1-eM-39-NAT	159 mm	25	eWB0208-eM-39-NAT	eM-39-NAT	ePB-6/159-25-R.1-N-eM-39-NAT
8"	ePB-8/200-25-eM-45-BLK	200 mm	25	eWB0045-eM-45-BLK	eM-45-BLK	n/a
8"	ePB-8/200-25-R.2-x-y	200 mm	25	eWB0090-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	n/a
8"	ePB-8/200-13-x	200 mm	13	eWB0182-x-y	eM-01-BLK, eM-08-y, eM-56-NAT	n/a
8"	ePB-8/200-13-R.4-X	200mm	13	eWB0380-x-y	eM-01-BLK, eM-08-y	n/a
8"	ePB-8/200-25-R.6-eM-39	200 mm	25	eWB0220-eM-39-NAT	eM-39-NAT	n/a
8"	ePB-8/200-25-R.9-eM-47-BLK	200 mm	25	eWB0382-eM-47-BLK	eM-47-BLK	ePB-8/200-25-R.9-H-eM-47-BLK
8"	ePB-8/200-12-eM-47	200mm	12	eWB0364-eM-47-BLK	eM-47-BLK	
8"	ePB-8/200-25-R.10-eM-39	200 mm	25	eWB0385-eM-39-NAT	eM-39-NAT	n/a

Material code info("x" in P/N)::

Material	Code	SR	Material	Code	SR
Conductive Polypropylene (Black color only)	eM-01-BLK	10e4-10e5	PP+PTFE+ CF (Dark Grey color only)	eM-45-BLK	10e4-10e10
Polypropylene ("-y") Multiple Color Options)	eM-08-y	n/a	PEEK + CF (No color option)	eM-47-BLK	≤10e9
PFA (No color option)	eM-39-NAT	n/a	PVDF (Natural color only)	eM-56-NAT	n/a

[RETURN TO TABLE OF CONTENTS](#)



PROCESS BOAT STORAGE BOXES

- Storage Boxes are Stackable
 - Available in many material options:
 - eM-01-BLK is equivalent to Entegris® Stat-Pro® 100 (PP + CP) material*
 - eM-08-NAT is natural PP material with many color options
 - eM-45-BLK is equivalent to Entegris® EMSTAT® (PP + CF + PTFE) material*
 - eM-46-BLK is equivalent to Entegris® Stat-Pro® 175 (PP + CF) material*
- *(PP = Polypropylene, CF=Carbon Fiber, CP=Carbon Powder, PTFE= Polytetrafluoroethylene)

Product info:

Wafer Size	ePAK P/N Description	Compatible with ePAK Process Cassettes	ePAK dwg #
5"	ePBX-5/125-ASSY-#	eWB0088-x-y, eWB0114-x-y	eWB0078-ASSY-#
5"	ePBX-5/125-R.1-ASSY-#	eWB0088-x-y, eWB0114-x-y	eWB0127-ASSY-#
5"	ePBX-5/125-2-ASSY-#	eWB0088-x-y, eWB0114-x-y eWB00300-x-y (BOX HOLDS 2 BOATS)	eWB0097-ASSY-#
6"	ePBX-6/150-ASSY-#	eWB0051-x-y, eWB0052-x-y	eWB0070-ASSY-#
6"	ePBX-6/150-R.1-ASSY-#	eWB0051-x-y, eWB0052-x-y	eWB0073-ASSY-#
6"	ePBX-6/150-2-ASSY-#	eWB0051-x-y, eWB0052-x-y (BOX HOLDS 2 BOATS)	eWB0111-ASSY-#
6"	ePBX-6/150-R.3-ASSY-#	eWB0051-x-y, eWB0052-x-y	eWB0099-ASSY-#
6"	ePBX-6/150-R.5-ASSY-#	eWB0051-x-y, eWB0052-x-y	eWB0159-ASSY-#
6"	ePBX-6/150-R.7--ASSY-# (eM-45-BLK)	eWB0051-x-y, eWB0052-x-y	eWB0185-ASSY-# (eM-45-BLK)
6"	ePBX-6/150-R.10-ASSY-#	eWB0051-x-y, eWB0052-x-y	eWB0336-ASSY-#
6"	ePBX-6/150-R.11-ASSY-#	eWB0359-x-y	eWB0358-ASSY-#
159 mm	ePBX-6/159-ASSY-#	eWB0207-eM-47-BLK, eWB0208-eM-39-NAT	eWB0213-ASSY-#
8"	ePBX-8/200-ASSY-#	eWB0045-x-y, eWB0090-x-y	eWB0094-ASSY-#
8"	ePBX-8/200-R.1-ASSY-# **	eWB0045-x-y, eWB0090-x-y	eWB0100-ASSY-#
8"	ePBX-8/200-R.3-ASSY-#	eWB0045-x-y, eWB0090-x-y,	eWB0221-ASSY-#
8"	ePBX-8/200-R.6-ASSY-#	eWB0045-x-y, eWB0090-x-y,	eWB0338-ASSY-#
8"	ePBX-8/200-R.7-X	eWB0045-x-y, eWB0090-x-y,	eWB0367-ASSY-#

**Please use Storage Box ePBX-8/200-R.1-eM-45 (or eM-46) for Process Cassette PN: eWB0182-x-y (ePB-8/200-13-x)

Material code info:

Material	Code	SR
Conductive Polypropylene (Black only)	eM-01-BLK	10e4-10e5
Polypropylene (Multiple Color Options →)	eM-08-NAT	n/a
PP+PTFE+ CF (Dark Grey only)	eM-45-BLK	10e4-10e10
PP+CF (Black only)	eM-46-BLK	10e4-10e10

Color code info

NAT = Natural
BLU = Blue
GRN = Green
RED = Red
YLW = Yellow

[RETURN TO TABLE OF CONTENTS](#)

ENVELOPES FOR STORAGE BOXES

- Envelopes are manufactured using clear PVC
- Snaps are manufactured using white Nylon (eM-64)



Envelopes info:

Description	ePAK Order code	Anti-Static	Fits Boxes:
2"/3"/4" Envelope-ASSY-1	mOP0167-ASSY-1	YES	eWB0095, eWB0123, eWB0124, eWB0260/Competitor
2"/3"/4" Envelope-ASSY-2	mOP0167-ASSY-2	NO	eWB0095, eWB0123, eWB0124, eWB0260/Competitor
5" Envelope-ASSY-1	mOP0168-ASSY-1	YES	eWB0078, eWB0127/Competitor
5" Envelope-ASSY-2	mOP0168-ASSY-2	NO	eWB0078, eWB0127/Competitor
6" Envelope-ASSY-1	mOP0169-ASSY-1	YES	eWB0073, eWB0099, eWB0159, eWB0185/Competitor
6" Envelope-ASSY-2	mOP0169-ASSY-2	NO	eWB0073, eWB0099, eWB0159, eWB0185/Competitor
6" Envelope R.1-ASSY-1	mOP0197-ASSY-1	YES	eWB0073, eWB0099, eWB0159, eWB0185/Competitor
6" Envelope R.1-ASSY-2	mOP0197-ASSY-2	NO	eWB0073, eWB0099, eWB0159, eWB0185/Competitor
6" ENVELOPE R.2-ASSY-1	mOP0256-ASSY-1	YES	eWB0073, eWB0099, eWB0159, eWB0185/Competitor
6" ENVELOPE R.2-ASSY-2	mOP0256-ASSY-2	NO	eWB0073, eWB0099, eWB0159, eWB0185/Competitor
8" Envelope-ASSY-1	mOP0185-ASSY-1	NO	eWB0094, eWB0221/Competitor

Material code options:

Material	Code	SR
White Nylon (Snaps)	eM-64	n/a
Clear PVC	eM-68	n/a
Anti-Static Clear PVC	eM-66	<10e11

[RETURN TO TABLE OF CONTENTS](#)

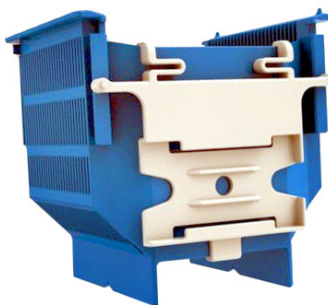
BADGE HOLDERS & CLIPS



BADGE HOLDER
Welded to Storage
box



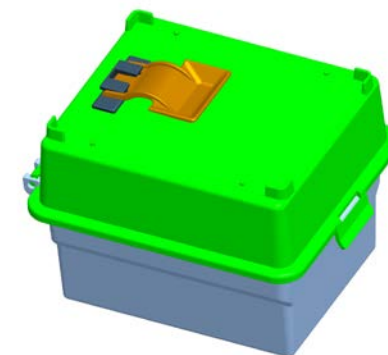
CARD HOLDER
Attached to
mWB0070



eCH6-A
Attached to
Process Boat



CARD HOLDER-R.1
Welded to
Process Boat



mOP0162 Assembly
(Attached to Box Lid)



mOP0370
(Attached to Box Lid)

Product Description	Order Code	Application
Storage Box Clip (Pedestal)-eM-34	mOP0162(P)-eM-34-BLK or eM-08-y	Storage Box
Storage Box Clip (Spring)-eM-34	mOP0162(S)-eM-34-BLK or eM-08-y	Storage Box
BADGE HOLDER	mOP0163-eM-08-y	Multiple Application
CARD HOLDER	mOP0184-eM-01-BLK	mWB0070
CARD HOLDER-R.1	mOP0392-eM-01-BLK/eM-46-BLK	Multiple Application
eCH6-A	mOP0206-(eM-01-BLK or eM-08-y)	Process Cassette
Storage Box Clip	mOP0370-eM-73	mWB0078
6" Paper Holder-X	mOP0718-X	mWB0073

Color code info
(-y in P/N)

NAT = Natural
BLU = Blue
GRN = Green
RED = Red
YLW = Yellow

[RETURN TO TABLE
OF CONTENTS](#)



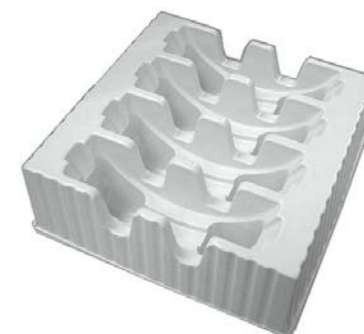
OVERPAKS

Vacuum formed, cushioning material for protection during shipping (fits inside a carton).

- Designed so that the actual weight drives shipping cost, not the dimensional weight
- Passes industry drop tests

For Wafer Canisters:

Wafer Canister Size	ePAK Overpak Description	# of Canisters protected per set	Std Pack Quantity	ePAK Order Code	Material offered
6" eLX R.1 (small body)	eV15-6-4-x	4 pcs	10/Box	eVT0734-x	eM-21-CLR
6" & 8" eLX style	eV15-6/8-4-x	4 pcs	10/Box	eVT0334-x	eM-31/eM-21-CLR
8" Tall eLX style (eWB0383)	eV20-eWB0383-2-X	2 pcs	10/Box	eVT1787-x	eM-26-NAT
8" Tall eLX style (eWB0383)	eV20-eWB0383-4-X	4 pcs	10/Box	eVT1785-x	eM-26-NAT
eCT-152-26-x	eV12-eCT-152-4-x	4 pcs	20/Box	eVT0700-x	eM-21-CLR
***12" eLX style	eV15-12-1-x	1 pcs	2/Box	eVT0285-x	eM-21-CLR
12" Tall eLX style (eWB0371)	eV15-eCT-LX12/300-71-X	1 pcs	2/Box	eVT1835-x	eM-26-NAT
450mm	eV18-eCT-450-0.7-x	1 pcs	2/Box	eVT1553-x	eM-26-NAT



For Wafer Jars :

Wafer Jar Size	ePAK Overpak Description	# of Jars protected per set	Std Pack Quantity	ePAK Order Code	Material offered
4"x0.9"	eV12-4x0.9-6-x	6 pcs	50/Box	eVT0418-x	eM-20-BLK/eM-21-CLR
4"x1.2"	eV12-4x1.2-6-x	6 pcs	20/box	eVT0419-x	eM-20-BLK/eM-21-CLR
4"x2.4"	eV12-4x2.4-1-x	1 pcs	20/box	eVT0554-x	eM-20-BLK/eM-21-CLR
4"x2.4"	eV12-4x2.4-4-x	4 pcs	20/box	eVT0433-x	eM-20-BLK/eM-21-CLR
5"x1.5"	eV12-5x1.5-4-x	4 pcs	50/box	eVT0807-x	eM-21-CLR
6"x0.8"	eV12-6x0.8-5-x	5 pcs	100/box	eVT1389-x	eM-20-BLK/eM-21-CLR
6"x1.5"	eV12-6x1.5-2-x	2 pcs	50/box	eVT0265-x	eM-21-CLR
6"x1.5"	eV12-6x1.5-4-x	4 pcs	20/box	eVT0266-x	eM-21-CLR
8"x2"	eV12-8x2-4-x	4 pcs	20/box	eVT0300-eM-21-CLR	eM-21-CLR

Material code options (-x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11
Clear PS	eM-21-CLR	n/a
PP	eM-26-NAT	n/a
HIPS	eM-31-BLK or -WHT	n/a

[RETURN TO TABLE OF CONTENTS](#)

For Wafer Shipping Boxes::

Designed For Product	ePAK Overpak Description	Protected per set	Std Pack Quantity	ePAK Order Code	Material offered
eMS-2/50-25-x	eV12-2/50-25-x	8 pcs	50/Box	eVT0487-x	eM-20-BLK/eM-21-CLR
100mm (4") ePRO	eV18-4/100-OVERPAK-1-x	6 pcs	20/Box	eVT0571-x	eM-20/eM-21/eM-26/eM-31
100mm (4") ePRO II/III	eV18-4 ePRO II and ePRO III-6-eM-26-NAT	6 pcs	20/Box	eVT1612-eM-26-NAT	eM-26-NAT
125mm (5") ePROII	eV18-ePROII-5/125-OVERPAK-6-eM-26-NAT	6 pcs	20/Box	eVT1092-eM-26-NAT	eM-26-NAT
150mm (6") ePRO	eV18-6/150-OVERPAK-1-x	4 pcs	20/Box	eVT0575-x	eM-20/eM-21/eM-26/eM-31
150mm (6") ePRO II/III	eV18-6" ePROII and ePROIII-2-eM-26-NAT	2 pcs	20/box	eVT1653-eM-26-NAT	eM-26-NAT
150mm (6") ePRO II/III	eV18-6" ePROII and ePROIII-4-eM-26-NAT	4 pcs	20/box	eVT1413-eM-26-NAT	eM-26-NAT
150mm (6") ePROII	eV18-ePROII-6/150-OVERPAK-6-eM-26-NAT	6 pcs	20/Box	eVT1348-eM-26-NAT	eM-26-NAT
200mm (8") ePRO I only	eV18-8/200-OVERPAK-1-x	2 pcs	20/box	eVT0616-x	ALL
200mm (8") ePRO I only	eV18-8/200-OVERPAK-R.1-x	2 pcs	20/Box	eVT0691-x	eM-20/eM-21/eM-26/eM-31
200mm ULTRAPAK* & ePROIII	eV15-ULTRAPAKS-x	2 pcs	10/Box	eVT0703-x	eM-25-CLR/eM-26-NAT

For FOSB:

Wafer size	ePAK Overpak Description	Number of Ultrapaks® protected per set	Std Pack Quantity	ePAK Order Code	Material offered
300mm	eV18-12-FOSB-COVER-x	1 pcs	25/Box	eVT0654-x	eM21-CLR/eM-26-NAT
	eV18-12-FOSB-BASE-x	1 pcs	25/Box	eVT0655-x	eM21-CLR/eM-26-NAT
300mm	eV18-12-FOSB-BASE-R.1-x	1 pcs	25/Box	eVT1588-x	eM21-CLR/eM-26-NAT

Material code options (-x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11
Clear PS	eM-21-CLR	n/a
Clear A/S coated APET	eM-25-CLR	10e7-10e11
PP	eM-26-NAT	n/a
HIPS	eM-31-BLK or -WHT	n/a



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[RETURN TO TABLE OF CONTENTS](#)



For Flex Frame Shipping Box::

Designed For Product	ePAK Overpak Description	eFF Shippers protected per set	Std Pack Quantity	ePAK Order Code	Material offered
150mm (6") Flex Frame Shipper	eV18-eFS6-150-25-R.1-OVERPAK-1-X	1 pcs	20/Box	eVT1295-x	eM-20-BLK/eM-21-CLR eM-26-NAT/eM-31
150mm (6") Flex Frame Shipper	eV18-eFS6-150-25-R.1-OVERPAK-R.2-X	1Pcs	20/Box	eVT1662	eM-26-NAT
200mm (8") Flex Frame Shipper	eV18-eFS8-200-25-R.1-OVERPAK-X	1Pcs	20/Box	eVT1664	eM-26-NAT
200mm (8") Flex Frame Canister	eV15-10.8-1-x	1Pcs	20/Box	eVT1697	eM-26-NAT
300mm (12") Flex Frame Shipper	eV18-eFS12-300-13-OVERPAK-X	1Pcs	20/Box	eVT1661	eM-26-NAT

Material code options (–x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11
Clear PS	eM-21-CLR	n/a
Clear A/S coated APET	eM-25-CLR	10e7-10e11
PP	eM-26-NAT	n/a
HIPS	eM-31-BLK or -WHT	n/a

[RETURN TO TABLE OF CONTENTS](#)

HANDLES FOR PROCESS BOATS



mOP0171



mOP0179



mOP0202



mOP0243

For Boat sizes	Description	ePAK Order code	Handle Order Code	Locking Bar Order Code
2"	2" HANDLE ASSY-1	mOP0171-2-ASSY-1	mOP0171-2-eM-39-NAT	mOP0171-LOCKING BAR-eM-39-NAT
2"	2" HANDLE ASSY-2	mOP0171-2-ASSY-2	mOP0171-2-eM-39-NAT	N/A
2"	2" HANDLE ASSY-3	mOP0171-2-ASSY-3	mOP0171-2-eM-56	mOP0171-LOCKING BAR-eM-56
2"	2" HANDLE ASSY-4	mOP0171-2-ASSY-4	mOP0171-2-eM-56	N/A
3"	3" HANDLE ASSY-1	mOP0171-3-ASSY-1	mOP0171-3-eM-39-NAT	mOP0171-LOCKING BAR-eM-39-NAT
3"	3" HANDLE ASSY-2	mOP0171-3-ASSY-2	mOP0171-3-eM-39-NAT	N/A
3"	3" HANDLE ASSY-3	mOP0171-3-ASSY-3	mOP0171-3-eM-56	mOP0171-LOCKING BAR-eM-56
3"	3" HANDLE ASSY-4	mOP0171-3-ASSY-4	mOP0171-3-eM-56	N/A
4"	4" HANDLE ASSY-1	mOP0171-4-ASSY-1	mOP0171-4-eM-39-NAT	mOP0171-LOCKING BAR-eM-39-NAT
4"	4" HANDLE ASSY-2	mOP0171-4-ASSY-2	mOP0171-4-eM-39-NAT	N/A
4"	4" HANDLE ASSY-3	mOP0171-4-ASSY-3	mOP0171-4-eM-56	mOP0171-LOCKING BAR-eM-56
4"	4" HANDLE ASSY-4	mOP0171-4-ASSY-4	mOP0171-4-eM-56	N/A
5"	5" HANDLE ASSY-1	mOP0171-5-ASSY-1	mOP0171-5-eM-39-NAT	mOP0171-LOCKING BAR-eM-39-NAT
5"	5" HANDLE ASSY-2	mOP0171-5-ASSY-2	mOP0171-5-eM-39-NAT	N/A
5"	5" HANDLE ASSY-3	mOP0171-5-ASSY-3	mOP0171-5-eM-56	mOP0171-LOCKING BAR-eM-56
5"	5" HANDLE ASSY-4	mOP0171-5-ASSY-4	mOP0171-5-eM-56	N/A
5"	5" HANDLE R.1 ASSY-1	mOP0179-5-ASSY-1	mOP0179-5-eM-39-NAT	N/A
6"	6" HANDLE ASSY-1	mOP0171-6-ASSY-1	mOP0171-6-eM-39-NAT	mOP0171-LOCKING BAR-eM-39-NAT
6"	6" HANDLE ASSY-2	mOP0171-6-ASSY-2	mOP0171-6-eM-39-NAT	N/A
6"	6" HANDLE ASSY-3	mOP0171-6-ASSY-3	mOP0171-6-eM-56	mOP0171-LOCKING BAR-eM-56
6"	6" HANDLE ASSY-4	mOP0171-6-ASSY-4	mOP0171-6-eM-56	N/A
6"	6" HANDLE R.1 ASSY-1	mOP0179-6-ASSY-1	mOP0179-6-eM-39-NAT	N/A
6"	6" HANDLE-R.3-X	mOP0243-x	mOP0243-x	N/A
8"	8" HANDLE ASSY-1	mOP0202-8-ASSY-1	mOP0202-8-eM-39-NAT	mOP0202-LOCKING BAR-eM-39-NAT
8"	8" HANDLE ASSY-2	mOP0202-8-ASSY-2	mOP0202-8-eM-39-NAT	mOP0202-LOCKING BAR-T-eM-39-NAT

Material codes(–x in P/N):

Material	Code	SR
PFA	eM-39-NAT	n/a
PVDF	eM-56-NAT	n/a

[RETURN TO TABLE OF CONTENTS](#)

*“COIN STYLE” SINGLE WAFER SHIPPERS**

Wafer Size	ePAK Description	Internal Diameter	Std Pack Quantity	ePAK Order Code
1" (25mm)	eCT1-25-ASSY-#	25.4 mm	100 /carton	eWB0091-ASSY-#
1.5" (38mm)	eCT1.5-38-ASSY-#	39.6 mm	100 /carton	eWB0325-ASSY-#
2" (50mm)	eCT2-50-ASSY-#	52 mm	100 /carton	eWB0021-ASSY-#
2.5" (63mm)	eCT2.5-63-ASSY-#	65.5 mm	100 /carton	eWB0328-ASSY-#
3" (76mm)	eCT3-76-ASSY-#	78.6 mm	100 /carton	eWB0022-ASSY-#
3.25" (82mm)	eCT3.25-82-ASSY-#	85 mm	100 /carton	eWB0329-ASSY-#
3.54" (90mm)	eCT3.54-90-ASSY-#	92 mm	100 /carton	eWB0330-ASSY-#
4" (100mm)	eCT4-100-ASSY-#	104 mm	100 /carton	eWB0024-ASSY-#
5" (125mm)	eCT5-125-ASSY-#	127 mm	100 /carton	eWB0060-ASSY-#
6" (150mm)	eCT6-150-ASSY-#	152 mm	100 /carton	eWB0025-ASSY-#
6" (150mm)	eCT6-150-R.1-ASSY-#	152 mm	100 /carton	eWB0281-ASSY-#
6" (150mm)	eCT6-150-R.2-ASSY-#	152 mm	100 /carton	eWB0320-ASSY-#



Material code options:

Material	Code	SR
Natural PP	eM-08-NAT	n/a
LDPE (spring option only)	eM-11-NAT	n/a
Conductive PP	eM-01-BLK	10e4-10e5

(*PATENT PENDING)

[RETURN TO TABLE OF CONTENTS](#)

External packaging solution for our popular 2, 3, and 4 inch Coin Style Single Wafer Shippers

Product Information:

- For the 2" Coin Style Shippers: 5 pcs per layer/15 pcs per box
- For the 3" Coin Style Shippers: 3 pcs per layer/ 9 pcs per box
- For the 4" Coin Style Shippers: 2 pcs per layer/ 6 pcs per box

Each MASTERPAK™ contains:

- 1 pcs - cardboard outer box
- 3 pcs - Antistatic PE foam with cavities for shippers
- 4 pcs - Antistatic PE foam cushion layer-Solid

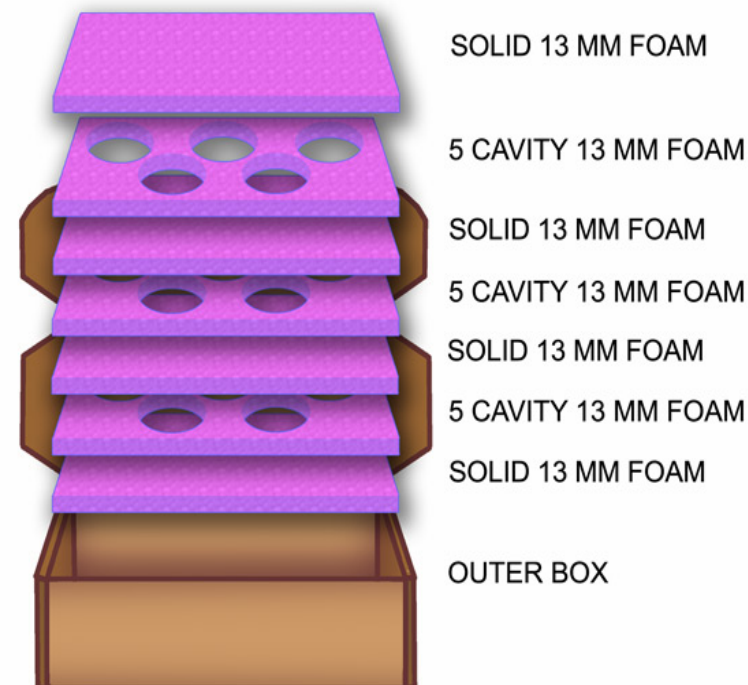
Ordering Information

Wafer Size	ePAK Description	Shippers per box	Foam Thickness	ePAK Order Code
2"	MASTERPAK-2	15	13 mm	eMP0001
3"	MASTERPAK-3	9	13 mm	eMP0002
4"	MASTERPAK-4	6	13 mm	eMP0003

Minimum Order Quantity:

20 Masterpaks™

SHOWING: MASTERPAK-2



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[RETURN TO TABLE OF CONTENTS](#)

SINGLE WAFER SHIPPERS

(INJECTION MOLDED)

Clamshell Style Shippers – Hinged Single wafer shippers

Wafer Size	ePAK Description	Internal Diameter	Internal Height	Std Pack Quantity	ePAK Order Code
6" (150mm)	eCT6-150-0.7-ASSY-#	150 mm	0.7 mm	15/carton	eWB0017-ASSY-#
8" (200mm)	eCT8-200-0.7-ASSY-#	200 mm	0.7 mm	10/carton	eWB0016-ASSY-#



Material code options:

Material	Code	SR
Clear PC	eM-12-TRA	n/a
Conductive PC	eM-22-BLK	10e2-10e6

Coinstack Style Shippers – Single wafer shippers (Base with separate cover)

Wafer Size	ePAK Description	Internal Diameter	Internal Height	Std Pack Quantity	ePAK Order Code
12" (300mm)	eCT12-300-0.8-ASSY-#	300 mm	0.8 mm	10/carton	eWB0053-ASSY-#
18" (450mm)	eCT-450-0.7-ASSY-#	450 mm	0.7 mm	10/carton	eWB0210-ASSY-#

Material code options:

Material	Code	SR
Natural PP	eM-08-NAT	n/a
Conductive PP	eM-01-BLK	10e4-10e5



300mm



450mm

[RETURN TO TABLE OF CONTENTS](#)

SINGLE WAFER SHIPPERS

(INJECTION MOLDED)



Wafer Shells – Stacking Single wafer shippers

Wafer Size	ePAK Description	Internal Diameter	Internal Height	Std Pack Quantity	ePAK Order Code
6"	eCT6-150-1.0-x	150 mm	1.0 mm	100/carton	eWB0068-x
8"	eCT8-200-1.0-x	200 mm	1.0 mm	100/carton	eWB0262-x

Material code options (–x in P/N):

Material	Code	SR
Conductive PS	eM-100-BLK	10e4-10e9



[RETURN TO TABLE OF CONTENTS](#)

SINGLE WAFER SHIPPERS



Vacuum Formed Shippers –Single wafer shippers

Wafer Size	ePAK Description	Internal Diameter	Std Pack Quantity	ePAK Order Code
8"(200mm)	eV10-8/200-ASSY-#	200 mm	N/A	eVT1605-x
12"(300mm)	eV9-12/300-X	300 mm	N/A	eVT1415-x

Material code options (–x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11
Clear PS material	eM-21-CLR	N/A
Anti-Static coated PS	eM-23	10e8-10e12
Clear, A/S coated, APET	eM-25	10e7-10e11

[RETURN TO TABLE OF CONTENTS](#)

Wafer Stiffener – Support system for ultra-thin, brittle wafers

- Proprietary, ultra-pure material
- Adds rigidity to sensitive ultra-thin wafers

Wafer Size	ePAK Description	Stiffener Diameter	Stiffener Thickness	Std Pack Quantity	ePAK Order Code
1"	eWV1-25-0.25-x	25 mm	0.25 mm	100/pack	eVT1128-x
1"	eWV1-25-0.4-x	25 mm	0.40 mm	100/pack	eVT1505-x
2"	eWV2-50-0.25-x	50 mm	0.25 mm	100/pack	eVT0171-x
2"	eWV2-50-0.4-x	50 mm	0.40 mm	100/pack	eVT0190-x
3"	eWV3-76-0.25-x	76 mm	0.25 mm	100/pack	eVT0191-x
3"	eWV3-76-0.4-x	76 mm	0.40 mm	100/pack	eVT0192-x
3"	eWV3-76-0.5-x	76 mm	0.50 mm	100/pack	eVT0193-x
4"	eWV4-100-0.4-x	100 mm	0.40 mm	50/pack	eVT0194-x
4"	eWV4-100-0.6-x	100 mm	0.60 mm	50/pack	eVT0195-x
6"	eWV6-150-0.4-x	150 mm	0.40 mm	50/pack	eVT0196-x
6"	eWV6-150-0.6-x	150 mm	0.60 mm	50/pack	eVT0197-x
6"	eWV6-150-0.8-x	150 mm	0.80 mm	50/pack	eVT0206-x
8"	eWV8-200-0.6-x	200 mm	0.60 mm	50/pack	eVT0198-x
8"	eWV8-200-0.8-x	200 mm	0.80 mm	50/pack	eVT0207-x
12"	eWV12-300-0.8-x	300 mm	0.80 mm	50/pack	eVT0199-x



LID
SPRING
WAFER STIFFENER
WAFER (CIRCUIT SIDE DOWN)
WAFER STIFFENER (OPTIONAL)
BASE

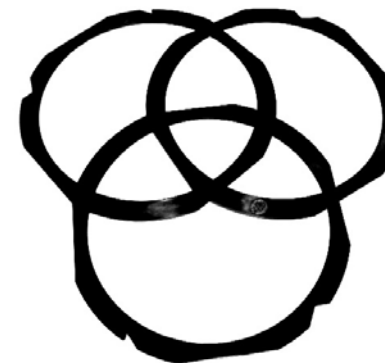
Material code info (–x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11

(*PATENT PENDING)

[RETURN TO TABLE OF CONTENTS](#)

PLASTIC FLEX FRAMES



- Designed for 100, 125, 150, 200 and 300 mm wafers
- Low cost alternative to metal flex frames
- Designed to be used one time and then discarded
- Of special interest to those who ship wafers to customers on flex frames
 - No need to bear freight cost to return heavy metal frame
 - No need for cleaning metal frame before reuse
- Call for further details

Plastic Flex Frames –For shipping wafers mounted on tape

ePAK Description	Flat to Flat	Internal Diameter	Internal Height	Std Pack Quantity	ePAK Order Code	Available	<i>Fits into Flex Frame Shipper</i>
eFF6-150-2.5-eM-59	217mm	194 mm	2.50 mm	200 /carton	eOP0043-eM-59	NOW	eVT0415-x
eFF6-150-2.5-R.1-eM-59	217mm	194 mm	2.50 mm	200 /carton	eOP0067-eM-59	NOW	eVT0415-x
eFF6-150-2.2-R.3-eM-89	215.9mm	185 mm	2.2 mm	200 /carton	eOP0209-eM-89	NOW	eVT0415-x
eFF6-150-2-R.6-eM-59	195mm	174 mm	2.0 mm	200 /carton	eOP0304-eM-59	NOW	eVT1479-x
eFF6-150-2.0-R.7-eM-59	212mm	194 mm	2.0 mm	200 /carton	eOP0319-eM-59	NOW	eVT0302 & eVT1395-
eFF6-150-2.2-R.8-eM-59	216mm	185 mm	2.2 mm	200 /carton	eOP0437-eM-59	NOW	eVT0415-x
eFF-200-2.0-R.2-eM-59	276mm	250 mm	2.0 mm	200 /carton	eOP0091-eM-59	NOW	eVT0320-x
eFF8-200-2.4-eM-59	275mm	250 mm	2.40 mm	200 /carton	eOP0064-eM-59	NOW	eVT0320-x
eFF8-200-2.6-eM-59	276mm	250 mm	2.60 mm	200 /carton	eOP0132-eM-59	NOW	eVT0320-x
eFF8-200-2.6-R.3-eM-59	266mm	242 mm	2.60 mm	200 /carton	eOP0494-eM-59	NOW	eVT0377-x
eFF12-300-3.5-eM-59	380mm	350 mm	3.5 mm	200 /carton	eOP0137-eM-59	NOW	eVT0287-x

Material code info:

Material	Code	SR
PPS Glass Reinforced	eM-59-BLK	n/a
SAN	eM-89	n/a

[RETURN TO TABLE OF CONTENTS](#)

METAL FLEX FRAMES

- 410 SS
- Hardness: RC 41 - 47
- 6 Inch and 8 Inch packed in carton quantities of 50
- 12 Inch packed in carton quantity of 25
- Other surface finishes available upon request
- Custom sizes and shapes available upon request



Metal Flex Frames –For shipping wafers mounted on tape

ePAK Description	Flat to Flat	Internal Diameter	Internal Height	Std Pack Quantity	ePAK Order Code
eMF-DTF-2-6-1	212 mm	194 mm	1.22 mm	50 /carton	mOP0309
eMF-350-103	215.9 mm	192.5 mm	1.22 mm	50 /carton	mOP0310
eMF-350-104	266.7 mm	242.32 mm	1.22 mm	50 /carton	mOP0312
eMF-DTF-2-8-1	276 mm	250 mm	1.22 mm	50 /carton	mOP0311
eMF-DTF-2-12	380 mm	350 mm	1.52 mm	25 /carton	mOP0313
eMF-450	556 mm	506 mm	2.0 mm	25/carton	mOP0574

SINGLE FLEX FRAME SHIPPERS

- Designed for 100, 125, 150, 200 & 300mm wafers
- Available in uncoated, anti-static coated or conductive PS materials
- Call for further details.

Plastic Flex Frame Shippers –For shipping flex frames with mounted wafers

ePAK Description	ePAK Order Code	Std Pack Quantity	Frame dims Flat to Flat	Shipper Style	Frame Style
eFS6-150-R.1-x	eVT0302-x	50 /carton	212 mm	C	DISCO DTF 2-6-1
eFS6-150-R.2-x	eVT0303-x	50 /carton	195 mm	C	DISCO DTF 2-6
eFS6-150-R.3-x	eVT0415-x	50 /carton	216 mm	C	K&S 350-103
eFS6-150-R.5-x	eVT1384-x	50 /carton	216 mm	C	K&S 350-103
eFS6-150-R.6-ASSY-#	eVT1395-ASSY-#	50 /carton	212 mm	T	DISCO DTF 2-6-1
eFS6-150-R.9-x	eVT1479-x	50 /carton	195 mm	C	DISCO DTF 2-6
eFS8-200-R.1-x	eVT0304-x	25 /carton	Round Frame	C	Round Frame
eFS8-200-R.2-x	eVT0320-x	20 /carton	276 mm	C	DISCO DTF 2-8-1
eFS8-200-R.3-x	eVT0377-x	15 /carton	266 mm	C	K&S 350-104
eFS8-200-R.4-x	eVT0380-x	50 /carton	266 mm	C	K&S 350-104
eFS8-200-R.5-x	eVT0972-x	25 /carton	276 mm	C	DISCO DTF 2-8-1
eFS8-200-R.8-ASSY-#	eVT1650-ASSY-#	20 /carton	276 mm	T	DISCO DTF 2-8-1
eFS12-300-A-x	eVT0287-x	10 /carton	380 mm	C	SEMI G74 & G87
eFS12-300-R.1-ASSY-#	eVT0305-ASSY-#	10 /carton	380 mm	T	SEMI G74 & G87
eFS12-300-R.3-x	eVT1663-x	10 /carton	381 mm	C	SEMI G74 & G87
eFS18-450-x	eVT1723-x	10 /carton	556 mm	T	



**Clamshell
(“C” Style)**



**Stacked Trays
(“T” Style)**

Material code options (–x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11
Clear PS material	eM-21-CLR	N/A
Anti-Static coated PS	eM-23	10e9-10e11

[RETURN TO TABLE
OF CONTENTS](#)

FLEX FRAME MULTI-SHIPPER

Plastic Flex Frame Multi-Shippers For the vertical shipping of multiple Flex Frames with mounted wafers

Wafer Size	Frames Held	ePAK Description	ePAK Order Code	Flex Frame Height (Manuf.)
6 Inch	25 pcs	eFS6-150-25-R.1-ASSY-1	mWB0214-ASSY-1 (Conductive PP)	212 mm (DISCO outline)
	25 pcs	eFS6-150-25-R.1-ASSY-3	mWB0214-ASSY-3 (Natural PP)	212 mm (DISCO outline)
	25 pcs	eFS6-150-25-R.1-ASSY-2	mWB0214-ASSY-2 (Conductive PP)	216 mm (K&S outline)
	25 pcs	eFS6-150-25-R.1-ASSY-4	mWB0214-ASSY-4 (Natural PP)	216 mm (K&S outline)
8 Inch	25 pcs	eFS8-200-25-R.1-ASSY-1	eWB0152-ASSY-1 (Natural PP)	276 mm (DISCO outline)
	25 pcs	eFS8-200-25-R.1-ASSY-3	eWB0152-ASSY-3 (A/S impregnated Clear PP)	276 mm (DISCO outline)
	25 pcs	eFS8-200-25-R.1-ASSY-2	eWB0152-ASSY-2 (Natural PP)	266 mm (K&S outline)
	25 pcs	eFS8-200-25-R.1-ASSY-4	eWB0152-ASSY-4 (A/S impregnated Clear PP)	266 mm (K&S outline)
	25 pcs	eFS8-200-25-R.1-ASSY-5	eWB0152-ASSY-5 (Conductive PP)	276 mm (DISCO outline)
	25 pcs	eFS8-200-25-R.1-ASSY-6	eWB0152-ASSY-6 (Conductive PP)	266 mm (K&S outline)
	25 pcs	eFS8-200-25-R.1-ASSY-7	eWB0152-ASSY-7 (Cond. PP w/ eM-50 Spring)	276 mm (DISCO outline)
	25 pcs	eFS8-200-25-R.1-ASSY-8	eWB0152-ASSY-8 (Cond. PP w/ eM-50 Spring)	266 mm (K&S outline)
12 Inch	13 pcs	eFS12-300-13-ASSY-1	eWB0195-ASSY-1 (Natural PP w/ 1.5 Spring)	380 mm (SEMI G74) Metal
	13 pcs	eFS12-300-13-ASSY-2	eWB0195-ASSY-2 (Natural PP w/ 3.5 Spring)	380 mm (SEMI G87) Plastic
	13 pcs	eFS12-300-13-ASSY-3	eWB0195-ASSY-3 (Conductive PP w/ 1.5 Spring)	380 mm (SEMI G74) Metal
	13 pcs	eFS12-300-13-ASSY-4	eWB0195-ASSY-4 (Conductive PP w/ 3.5 Spring)	380 mm (SEMI G87) Plastic



150mm



200mm



300mm

Material code options:

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
Natural PP (Multi Shipper only)	eM-50-NAT	N/A



[RETURN TO TABLE OF CONTENTS](#)

FLEX FRAME CANISTERS



**Canister for 212mm & 216mm frames
(150mm)**



**Canister for 266mm & 276mm frames
(200mm)**

Plastic Flex Frame Canisters –For horizontal/coinstack shipping of multiple Flex Frames with mounted wafers

Wafer Size	Internal Height	ePAK Description	ePAK Order Code	Flex Frame Dim (Flat to Flat) (Manuf.)
6" (150mm)	40mm	eFSC6-150-40-ASSY-1	mWB0323-ASSY-1	212mm (DISCO outline)
6" (150mm)	40mm	eFSC6-150-40-ASSY-2	mWB0323-ASSY-2	216mm (K&S outline)
8" (200mm)	81mm	eFSC8-200-81-266-R.1-ASSY-1	eWB0394-ASSY-1	266mm (K&S outline)
8" (200mm)	81mm	eFSC8-200-81-276-R.1-ASSY-1	mWB0387-ASSY-1	276mm (DISCO outline)

Material code options:

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5

-A range of cushion disks and separators are available. Please see next page.

[RETURN TO TABLE
OF CONTENTS](#)

FLEX FRAME CANISTER ACCESSORIES



Cushion Disks –ESD sensitive Cushioning material for use with Canisters and Jars

Wafer Size	FITS CANISTER PN:	ePAK Description	Foam Dim (Flat to Flat)	Foam Thickness	Std Pack Quantity	ePAK Order Code
6"	eWB0323 (ALL ASSY)	eFD-225-6-eM-04-H-PNK	225mm	6 mm	50/pack	eFD0052-eM-04-H-PNK
8"	eWB0394	eFD8-265/265-3-eM-04-H-PNK	266mm	3 mm	100/pack	eFD0083-eM-04-H-PNK
8"	eWB0394	eFD8-265/265-6-eM-04-H-PNK	266mm	6 mm	50/pack	eFD0084-eM-04-H-PNK
8"	eWB0387	eFD8-275/275-3-eM-04-H-PNK	276mm	3 mm	100/pack	eFD0058-eM-04-H-PNK
8"	eWB0387	eFD8-275/275-6-eM-04-H-PNK	276mm	6 mm	50/pack	eFD0059-eM-04-H-PNK

Material code options:

Material	Code	SR
Closed-cell polyethylene	eM-04-H-PNK	10e5-10e11



[RETURN TO TABLE
OF CONTENTS](#)



FLEX FRAME CANISTER ACCESSORIES

Separators: For use between wafers on frames

Wafer Size	FITS CANISTER PN:	ePAK Description	Interleaf Dim (Flat to Flat)	Separator Thickness	Std Pack Quantity	ePAK Order Code
Anti-static spun PO (Tyvek®)						
6"	eWB0323	eIL-225-0.16-eM-03-A-WHT	225 mm	0.16 mm	250/pack	eIL0096-eM-03-A-WHT
8"	eWB0394	eIL8-265/265-0.16-eM-03-A-WHT	265 mm	0.16 mm	250/pack	eIL0151-eM-03-A-WHT
8"	eWB0387	eIL8-275/275-0.16-eM-03-A-WHT	275 mm	0.16 mm	250/pack	eIL0102-eM-03-A-WHT
Separators- ESD PP						
6"	eWB0323	eIL-225-0.07-eM-20-BLK	225 mm	0.07 mm	250/pack	eIL0091-eM-20-BLK
8"	eWB0394	eIL8-265/265-0.16-eM-20-BLK	265 mm	0.13 mm	250/pack	eIL0149-eM-20-BLK
8"	eWB0387	eIL8-275/275-0.13-eM-20-BLK	276 mm	0.13 mm	250/pack	eIL0146-eM-20-BLK

Material code info:

Material	Code	SR
Anti-static spun PO (Tyvek®)	eM-03-A-WHT	10e6-10e11
Proprietary conductive PS	eM-20-BLK	10e4-10e11

Moisture Barrier Bags:

Wafer Size	FITS CANISTER PN:	ePAK Description	Width (mm)	Length (mm)	Material Thickness	Std Pack Quantity	ePAK Order Code
6"	eWB0323	eBAG-330X380X0.08-eM-41	330	380	0.08 mm	500/carton	eOP0078-19-eM-41
8"	eWB0394 & eWB0387	eBAG-483X585X0.08-eM-41	483	585	0.16 mm	500/carton	eOP0078-25-eM-41

Material code info:

Material	Code	SR
Metalized PET+PET+CPE	eM-41	10e6-10e11

[RETURN TO TABLE
OF CONTENTS](#)



Hoop Rings: (X) is material code, (Y) is color code

ePAK Description	Diameter	Ring Height	Locator Notch	Standard Color	Std Pack Quantity	ePAK Order Code
eHR-122/134-6-IN-X-Y	ID=122 mm	6 mm	No	Grey	200 /carton	eOP0062-x-y
eHR-122/134-6-OUT-X-Y	OD=134 mm	6 mm	No	Blue	200 /carton	eOP0063-x-y
eHR-140/152-6-IN-X-Y	ID=140 mm	6 mm	No	Grey	200 /carton	eOP0051-x-y
eHR-140/152-6-OUT-X-Y	OD=152 mm	6 mm	No	Blue	200 /carton	eOP0050-x-y
eHR-170/186-6-IN-X-Y	ID=170 mm	6 mm	Yes	Grey	200 /carton	eOP0049-x-y
eHR-170/186-6-OUT-X-Y	OD=186 mm	6 mm	Yes	Blue	200 /carton	eOP0048-x-y
eHR-170/186-6-IN-R.2-X-Y	ID=170 mm	6 mm	Yes	Yellow	200 /carton	eOP0339-x-y
eHR-170/186-6-OUT-R.2-X-Y	OD=186 mm	6 mm	Yes	Red	200 /carton	eOP0340-x-y
eHR-195/210-6-IN-X-Y	ID=195 mm	6 mm	No	Black	200 /carton	eOP0066-x-y
eHR-195/210-6-OUT-X-Y	OD=210 mm	6 mm	No	Green	200 /carton	eOP0065-x-y
eHR-195/210-6-IN-R.1-X-Y	ID=195 mm	6 mm	No	Black	200 /carton	eOP0235-x-y
eHR-195/210-6-OUT-R.1-X-Y	OD=210 mm	6 mm	No	Green	200 /carton	eOP0236-x-y
eHR-195/210-6-OUT-R.2-X-Y	OD=210 mm	6 mm	Yes	Green	200 /carton	eOP0755-x-y
eHR-225/241-6-IN-X-Y	ID=225 mm	6 mm	No	Yellow	200 /carton	eOP0183-x-y
eHR-225/241-6-OUT-X-Y	OD=241 mm	6 mm	No	Red	200 /carton	eOP0182-x-y
eHR-228/248-7-IN-X-Y	ID=227.7mm	7mm	No	Yellow	200/carton	eOP0342-x-y
eHR-228/248-7-OUT-X-Y	OD=248mm	7mm	No	Red	200/carton	eOP0341-x-y
eHR-330/347-6-IN-X-Y	ID=330 mm	6mm	No	Yellow	200 /carton	eOP0327-x-y
eHR-330/347-6-OUT-X-Y	OD=347 mm	6mm	No	Black	200 /carton	eOP0326-x-y

NOTE: The word “UP” printed is ePAK Standard style. For printing the word “RADIUS” please add “-R” to end of the ePAK Order Code

Material code info (–X in P/N):

Material	Code	SR
MPC	eM-16-Y	N/A

Color code info (–Y in P/N)

Colors:

B = Blue
G = Green
GY = Grey
Y = Yellow

[RETURN TO TABLE OF CONTENTS](#)

HOOP RING SHIPPERS



eV11-HRS-195/210.170/186-x



eV10-HRS-170/186-x



eHS-195/210-x

Single Hoop Ring Shippers – Designed to hold single Hoop Ring assembly with wafer and tape

ePAK Description	ID /OD of ring set(s) held	Std Pack Quantity	ePAK Order Code	Materials Options
eV11-HRS-195/210.170/186-x	195/210 & 170/186	50 /carton	eVT0289-x	eM-20-BLK, eM-21-CLR, eM-23
eV11-HRS-140/152-x	140mm/152mm	100 /carton	eVT0336-x	eM-20-BLK, eM-21-CLR, eM-23
eV10-HRS-170/186-x	170mm/186mm	50 /carton	eVT0244-x	eM-20-BLK, eM-21-CLR, eM-23
eHS-195/210-x	195mm/210mm	20 /carton	eWB0217-195/210-x	eM-12, eM-22
eV12-HRS-225/241-x	225mm/241mm	30 /carton	eVT0939-x	eM-20-BLK, eM-21-CLR, eM-23
eV20-HRS-330/347-x	330mm/347mm	20 /carton	eVT1465-x	eM-20-BLK, eM-21-CLR, eM-23

M

Material code info (–x in P/N):

Material	Code	SR
Proprietary conductive PS	eM-20-BLK	10e4-10e11
Clear PS material	eM-21-CLR	N/A
Anti-Static coated Clear PS	eM-23-CLR	10e8-10e11
Clear PC	eM-12-TRA	n/a
Conductive PC	eM-22-BLK	10e2-10e6



Hoop Ring Shippers – Designed to hold multiple Hoop Ring assemblies with wafer and tape

ePAK Description	OD of ring set(s) held	ePAK Order Code	Materials Options
eJR-210-65-X	210mm	eWB0256-x	eM-01-BLK, eM-08-NAT

[RETURN TO TABLE OF CONTENTS](#)

GLASS SUBSTRATE SHIPPERS

Round Glass:

Substrate Size	ePAK Description	Max Substrates per Shipper	ePAK Order Code
170x1.5	eGBX-170x1.5-X	1	eWB0162-x
160x1.65	eGBX-160X1.65-20-X	20	eWB0163-x
180x1.65	eGBX-180X1.65-20-X	20	eWB0165-x

Material Code info for adapter plates ONLY(–x in P/N):

Material	Code	SR
PS	eP-28	n/a
ABS	eM-73	n/a



Rectangular Glass:

Substrate Size	Cassette Description	Max Substrates per Cassette	ePAK Order Code
180x230	ePB-180X230-25-X	25	eWB0178-x

Substrate Size	Box Description	Compatible with Cassette:	ePAK Order Code
180x230	ePBX-180X230-ASSY-#	ePB-180X230-25-X	eWB0179-ASSY-#

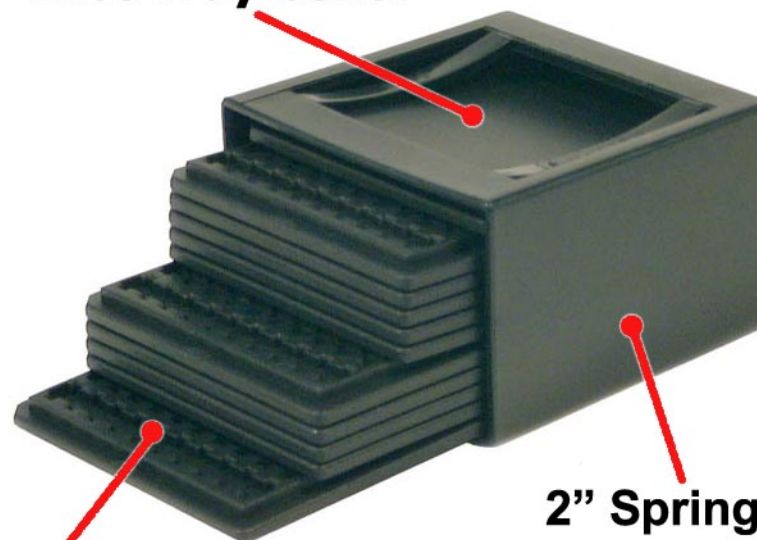
Material Code info (–x in P/N):

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
Natural PP (Multi Shipper only)	eM-50-NAT	N/A
**Polyvinylidene Difluoride (PVDF)	eM-56-NAT	n/a

** PVDF Material option is for Cassette only.

CHIP TRAY SYSTEM

2" Dice Tray Cover



2" Spring Box

2" Dice Tray

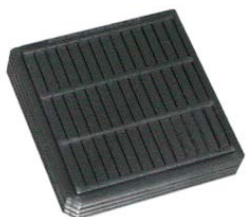
- Flexible packing system
- Fast tooling cycle time
- Standardized outline and full set of accessories including caps, clips and cover tray
- Convenient carrier for sample die, finished IC or other small components
- Contact ePAK today to discuss your custom chip tray solution



[RETURN TO TABLE
OF CONTENTS](#)



Chip Tray Open Tooling: 2" X 2" TRAYS



CHIP TRAY SYSTEM

Tray size	Chip Size	Thick	Matrix	Chip Tray Description	Std Pack Quantity	Order Code	Material Options (-x)
2" x 2"	0.84X1.3	0.3	16X22	eD2-0.84X1.3X0.3-1622-X	2000 /carton	eDT0036-X	eM-22-BLK
2" x 2"	1.10X1.47	0.8	14X16	eD2-1.10X1.47X0.80-1416-X	2000 /carton	eDT0067-X	eM-22-BLK
2" x 2"	1.22X0.97	0.13	10X10	eD2-1.22X0.97X0.13-1010-X	2000 /carton	eDT0032-X	eM-42
2" x 2"	1.40X0.89	0.51	24X19	eD2-1.40X0.89X0.51-2419-X	2000 /carton	eDT0064-X	eM-22-BLK
2" x 2"	1.43X1.0	0.8	15X18	eD2-1.43X1.0X0.8-1518-X	2000 /carton	eDT0103-X	eM-22-BLK
2" x 2"	1.55X2.60	1.1	13X10	eD2-1.55X2.60X1.10-1310-X	2000 /carton	eDT0086-X	eM-22-BLK
2" x 2"	1.65X1.65	0.61	10X10	eD2-1.65X1.65X0.61-1010-X	2000 /carton	eDT0061-X	eM-22-BLK
2" x 2"	1.83X2.29	0.46	12X16	eD2-1.83X2.29X0.46-1216-X	2000 /carton	eDT0063-X	eM-22-BLK
2" x 2"	1.91X1.91	0.61	18X18	eD2-1.91X1.91X0.61-1818-X	2000 /carton	eDT0077-X	eM-22-BLK
2" x 2"	2.92X1.82	0.9	10X13	eD2 2.92X1.82X0.90 1013 X	2000 /carton	eDT0129-X	eM-22-BLK
2" x 2"	2.25X2.47	1.12	10X11	eD2-2.25X2.47X1.12-1011-X	2000 /carton	eDT0072-X	eM-22-BLK
2" x 2"	2.29X2.29	0.6	10X10	eD2-2.29X2.29X0.61-1010-X	2000 /carton	eDT0051-X	eM-22-BLK
2" x 2"	2.29X2.29	0.61	10X10	eD2-2.29X2.29X0.61-1010-X	2000 /carton	eDT0076-X	eM-22-BLK
2" x 2"	2.30X1.90	0.8	11X12	eD2-2.30X1.90X0.80-1112-X	2000 /carton	eDT0101-X	eM-22-BLK, eM-24
2" x 2"	2.30X3.80	1.1	8X10	eD2-2.30X3.80X1.10-0810-X	2000 /carton	eDT0093-X	eM-22-BLK
2" x 2"	2.34X2.83	1.1	11X10	eD2-2.34X2.83X1.10-1110-X	2000 /carton	eDT0073-X	eM-22-BLK
2" x 2"	2.36X3.75	1.1	8X11	eD2-2.36X3.75X1.10-0811-X	2000 /carton	eDT0085-X	eM-22-BLK
2" x 2"	2.74X1.37	1.1	9X14	eD2-2.74X1.37X1.10-0914-X	2000 /carton	eDT0047-X	eM-22-BLK
2" x 2"	2.74X3.18	1.1	9X9	eD2-2.74X3.18X1.1-0909-X	2000 /carton	eDT0044-X	eM-22-BLK
2" x 2"	2.80X3.40	0.8	10X9	eD2-2.80X3.40X0.80-1009-X	2000 /carton	eDT0094-X	eM-22-BLK, eM-24
2" x 2"	2.8X2.8	0.9	10X10	eD2-2.8-2.8X0.9-1010-X	2000 /carton	eDT0015-X	eM-01-BLK, eM-09
2" x 2"	2.8X4.07	1.1	9X8	eD2-2.8X4.07X1.1-0908-X	2000 /carton	eDT0046-X	eM-22-BLK
2" x 2"	2.96X1.35	0.9	9X14	eD2 2.96X1.35X0.90 0914 X	2000 /carton	eDT0117-X	eM-22-BLK

Material code options (-x in P/N):

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
Conductive PP	eM-09-BLK	<10e6
Conductive PS	eP-16-BLK	10e4-10e7
Conductive PC	eM-22-BLK	10e4-10e5

Material	Code	SR
ABS	eM-24	n/a
Conductive PP	eM-37-BLK	10e4-10e6
Dissipative PP	eM-42	10e5-10e11
-	-	-

[RETURN TO TABLE OF CONTENTS](#)



CHIP TRAY SYSTEM (CONTINUED)

2" X 2" TRAYS (continued)



Tray size	Chip Size	Thick	Matrix	Chip Tray Description	Std Pack Quantity	Order Code	Material Options (-x)
2" x 2"	3.05X3.05	0.61	10X10	eD2 3.05X3.05X0.61 1010 X	2000 /carton	eDT0075-X	eM-22-BLK
2" x 2"	3.05X8.55	0.49	10X4	eD2 3.05X8.55X0.49 1004 X	2000 /carton	eDT0125-X	eM-22-BLK
2" x 2"	3.2X3.2	1.1	10X10	eD2 3.2X3.2X1.1 1010 X	2000 /carton	eDT0126-X	eM-22-BLK
2" x 2"	3.28X3.08	1.1	9X9	eD2-3.28X3.08X1.1-0909-X	2000 /carton	eDT0045-X	eM-22-BLK
2" x 2"	3.3X3.3	0.9	10X10	eD2-3.3X3.3X0.9-1010-X	2000 /carton	eDT0016-X	eM-01-BLK, eM-09
2" x 2"	3.89X1.85	0.79	17X9	eD2-3.89X1.85X0.79-1709	2000 /carton	eDT0030-X	eP16
2" x 2"	3.8X2.2	0.7	10X10	eD2-3.8X2.2X0.7-1010-X	2000 /carton	eDT0017-X	eM-01-BLK, eM-09
2" x 2"	4.59X5.91	0.85	7X5	eD2 4.59X5.91X0.85 0705 X	2000 /carton	eDT0048-X	eM-22-BLK
2" x 2"	4.74X2.35	1.1	7X10	eD2 4.74X2.35X1.10 0710 X	2000 /carton	eDT0082-X	eM-22-BLK
2" x 2"	5.08X13.46	0.76	3X7	eD2 5.08X13.46X0.76 0307 X	2000 /carton	eDT0062-X	eM-22-BLK
2" x 2"	5.15X1.15	1.8	10X6	eD2-5.115X1.15X1.8-1006-X	2000 /carton	eDT0007-X	eM-01-BLK, eM-09
2" x 2"	5.15X11.5	1.8	5x3	eD2 5.15X11.50X1.80 0503 X	2000 /carton	eDT0113-X	eM-22-BLK
2" x 2"	5.30X5.30	0.9	6X6	eD2 5.30X5.30X0.9 0606 X	2000 /carton	eDT0049-X	eM-22-BLK
2" x 2"	5.46X2.89	0.9	6X10	eD2 5.46X2.89X0.90 0610 X	2000 /carton	eDT0118-X	eM-22-BLK
2" x 2"	5.5X13	1.5	5X2	eD2 5.5X13.0X1.5 0502 X	2000 /carton	eDT0128-X	eM-22-BLK
2" x 2"	5.75X2.36	1.1	5X11	eD2 5.75X2.36X1.10 0511 X	2000 /carton	eDT0081-X	eM-22-BLK
2" x 2"	6.35X6.35	0.61	6X6	eD2 6.35X6.35X0.61 0606 X	2000 /carton	eDT0060-X	eM-22-BLK
2" x 2"	6.80X2.30	1.1	5X10	eD2 6.80X2.30X1.10 0510 X	2000 /carton	eDT0098-X	eM-22-BLK
2" x 2"	8.55X2.95	0.49	4X10	eD2 8.55X2.95X0.49 0410 X	2000 /carton	eDT0119-X	eM-22-BLK
2" x 2"	9.8X2.8	0.55	11X4	eD2-9.8X2.8X0.55-1104-X	2000 /carton	eDT0022-X	eM-24
2" x 2"	12.8X2.39	0.9	14X3	eD2-12.8X2.39X0.9-1403-X	2000 /carton	eDT0002-X	eM-01-BLK, eM-09
2" x 2"	13X11	0.8	2X3	eD2-13X11X0.8-203-X	2000 /carton	eDT0010-X	eM-01-BLK, eM-09
2" x 2"	40X40	1.76	1X1	eD2-40X40X1.1-X	2000 /carton	eDT0043-X	eM-01-BLK

Material code options (-x in P/N):

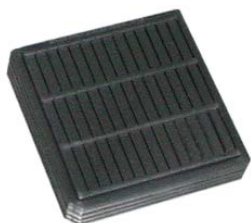
Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
Conductive PP	eM-09-BLK	<10e6
Conductive PS	eP-16-BLK	10e4-10e7
Conductive PC	eM-22-BLK	10e4-10e5

Material	Code	SR
ABS	eM-24	n/a
Conductive PP	eM-37-BLK	10e4-10e6
Dissipative PP	eM-42	10e5-10e11
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[RETURN TO TABLE OF CONTENTS](#)

3" X 3" TRAYS

3" x 3"	8.26X1.91	0.55	20X6	eD3 8.26X1.91X0.55 2006 X	2000 /carton	eDT0102-X	eM-22-BLK
3" x 3"	8.41X1.91	0.03	20X6	eD3 8.41X1.91X0.30 2006 X	2000 /carton	eDT0069-X	eM-22-BLK



4" X 4" TRAYS

4" x 4"	1.25X1.15	0.3	20X20	eD4-1.25X1.15X0.3-2020-X	2000 /carton	eDT0028-X	eM-01-BLK, eM-09
4" x 4"	2.55X2.55	1.85	20X20	eD4 2.55X2.55X1.85 2020-X	2000 /carton	eDT0121-X	eM-22-BLK
4" x 4"	2.70X2.20	1.00	21X24	eD4 2.70X2.20X1.00 2124 X	2000 /carton	eDT0123-X	eM-22-BLK
4" x 4"	3.41X3.16	1.21	10X10	eD4 3.41X3.16X1.21 1010 X	2000 /carton	eDT0079-X	eM-22-BLK
4" x 4"	6.5X6.5	0.7	11X11	eD4 6.5X6.5X0.7 1111 X	2000 /carton	eDT0122-X	eM-22-BLK
4" x 4"	6.66X4.16	1.55	15X5	eD4 6.66X4.16X1.55 1505-X	2000 /carton	eDT0095-X	eM-22-BLK
4" x 4"	13X13	2	6X6	eD4 13X13X2.0 0606-X	2000 /carton	eDT0083-X	eM-22-BLK

Material code options (-x in P/N):

Material	Code	SR	Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5	ABS	eM-24	n/a
Conductive PP	eM-09-BLK	<10e6	Conductive PP	eM-37-BLK	10e4-10e6
Conductive PS	eP-16-BLK	10e4-10e7	Dissipative PP	eM-42	10e5-10e11
Conductive PC	eM-22-BLK	10e4-10e5	-	-	-



[RETURN TO TABLE
OF CONTENTS](#)

1 Piece Clip



2 Piece Clip



Spring Box



Material code options (-x in P/N):

Material	Code	SR
Conductive PP	eM-01-BLK	10e4-10e5
ABS	eM-24	N/A
CFPP	eM-46-BLK	10e4-10e10
Anti-static spun PO(Tyvek®)	eM-03-A-WHT	10e6-10e11

Chip Tray Covers

Tray Size & Function	Thick	Matrix	Chip Tray Description	Std Pack Quantity	Order Code
2" Cover	n/a	n/a	eD2-COVER(1)-eM-01-BLK	2000 / carton	eDT0001-eM-01-BLK
2" Cover	n/a	n/a	eD2-COVER(1)-eM-37	2000 / carton	eDT0026-eM-37
2" Cover	n/a	n/a	eD2-COVER(1)-eM-22-BLK	2000 / carton	eDT0027-eM-22-BLK
2" Cover	n/a	n/a	eD2-COVER(3)-eM-01-BLK	2000 / carton	eDT0025-eM-01-BLK
3" Cover	n/a	n/a	eD3 Cover X	2000 / carton	eDT0070-x
4" Cover	n/a	n/a	eD4 Cover(3) X	2000 / carton	eDT0080-x

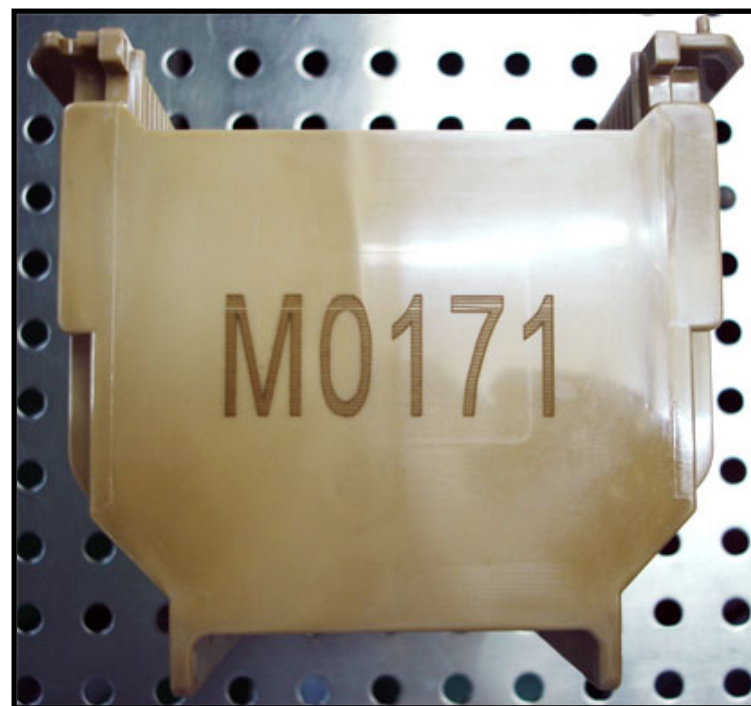
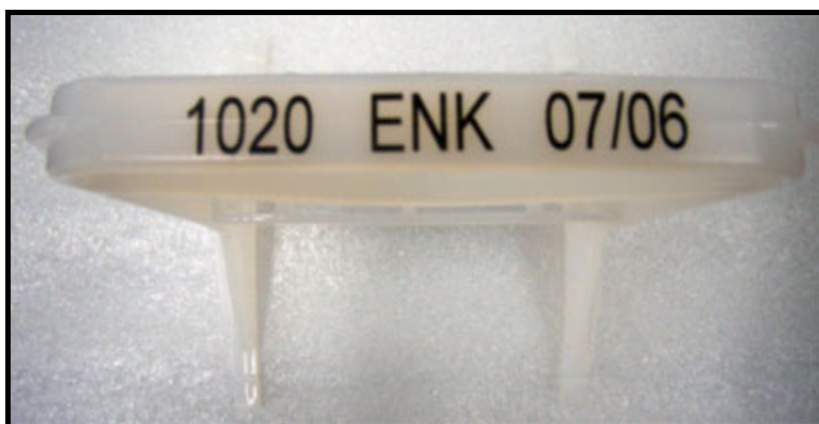
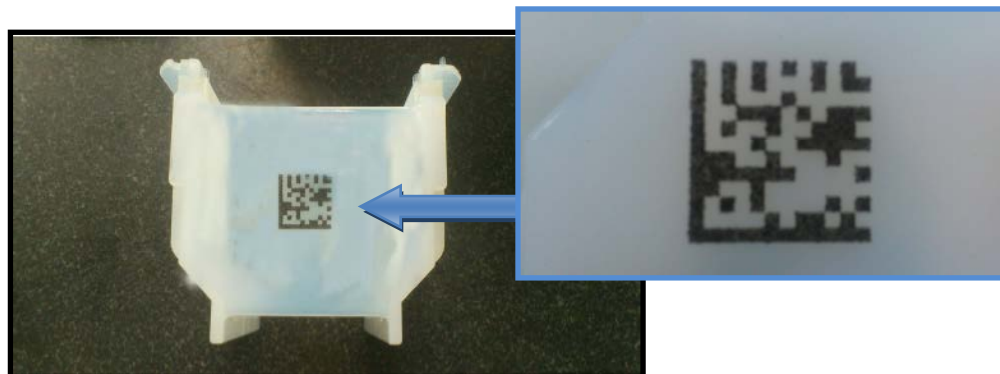
Chip Tray Accessories

Tray Size & Function	STYLE	Capacity	Description	Std Pack Quantity	Order Code
CLIPS:					
2" Clip	1 Piece Clip	2	eD2-CLIP2-R.1-eM-01-BLK	2500 / carton	eEC0013-eM-01-BLK
2" Clip	1 Piece Clip	2	eD2-CLIP2-R.1-eM-24	2500 / carton	eEC0026-eM-24
2" Clip	1 Piece Clip	2	eD2-CLIP2-R.1-eM-46-BLK	2500 / carton	eEC0013-eM-46-BLK
2" Clip	2 Piece Clip	2	eD2-CLIP2-eM-01-BLK	2000 / carton	eEC0011-eM-01-BLK
2" Clip	2 Piece Clip	6	eD2-CLIP6-eM-01-BLK	2000 / carton	eEC0010-eM-01-BLK
2" Clip	2 Piece Clip	6	eD4-CLIP6-eM-01-BLK	2000 / carton	eEC0023-eM-01-BLK
2" Clip	2 Piece Clip	11	eD2-CLIP11-eM-01-BLK	2000 / carton	eEC0009-eM-01-BLK
3" Clip	2 Piece Clip	6	eD3-CLIP6-eM-01-BLK	2000 / carton	eEC0021-eM-01-BLK
4" Clip	1 Piece Clip	2	eD4-CLIP2-R.1-eM-01-BLK	2500 / carton	eEC0024-eM-01-BLK
2" Spring Box	Spring Box	11	eD2-EC11-eM-01-BLK	2000 / carton	eEC0012-eM-01-BLK
INTERLEAF:					
2" Interleaf	Interleaf	n/a	eIL2-44.5x44.5-0.16-eM-03-A-WHT	10,000 / carton	eIL0012-eM-03-A-WHT
2" Interleaf	Interleaf	n/a	eIL2-45.72x45.72-0.16-eM-03-A-WHT	10,000 / carton	eIL0020-eM-03-A-WHT
4" Interleaf	Interleaf	n/a	eIL4-90.8x90.8-0.16-eM-03-A-WHT	10,000 / carton	eIL0088-eM-03-A-WHT
4" Interleaf	Interleaf	n/a	eIL4-90.8x90.8-0.07-eM-20-BLK	10,000 / carton	eIL0103-eM-20-BLK

[RETURN TO TABLE OF CONTENTS](#)

Custom Laser Markings now available on most ePAK Wafer Products.

- Serialized Alpha Numeric Codes
- Part numbers
- Serial numbers
- QR codes



[RETURN TO TABLE OF CONTENTS](#)

RETICLE BOX

- Front snap lock mechanism for easy box closure
- Integrated hinge set for easy operator opening



Reticle Box

ePAK Description	Std Pack Quantity	ePAK Order Code
ePM-126-3-eM-12	20 /carton	eWB0005-eM-12
ePM-126-2-eM-34	20 /carton	eWB0034-eM-34

Material code info (-x in P/N):

Material	Code	SR
Clear PC	eM-12-TRA	n/a
ESD PP	eM-34-BLK	10e6-10e10



[RETURN TO TABLE OF CONTENTS](#)

Plastic Clean Room Bags - Clear LDPE bags- open on one side

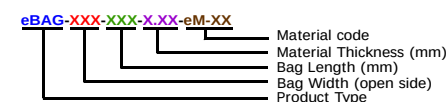
Order Code	Bag Description	For ePAK Products:	Std Pack Quantity
eM-35 (LDPE)			
eOP0095-1-eM-35	eBAG-140x280x0.06-eM-35		500pcs / carton
eOP0095-2-eM-35	eBAG-200x360x0.10-eM-35		500pcs / carton
eOP0095-3-eM-35	eBAG-200x360x0.15-eM-35		500pcs / carton
eOP0095-4-eM-35	eBAG-205x330x0.06-eM-35		500pcs / carton
eOP0095-5-eM-35	eBAG-230x270x0.06-eM-35	eJR-170-38-X, eCT-152-26-x, eCT6-150-0.7-x, eJR6-150-20-Base-X	500pcs / carton
eOP0095-6-eM-35	eBAG-230x360x0.06-eM-35		500pcs / carton
eOP0095-7-eM-35	eBAG-230x420x0.06-eM-35	eCT5-125-X	500pcs / carton
eOP0095-8-eM-35	eBAG-255x155x0.06-eM-35		500pcs / carton
eOP0095-9-eM-35	eBAG-280x310x0.06-eM-35	eCT8-200-0.7-X, eCT6-150-X, eJR-167-76-X, eJR-167-76-X	500pcs / carton
eOP0095-10-eM-35	eBAG-280x580x0.08-eM-35	eMS-3/76-25-x	500pcs / carton
eOP0095-11-eM-35	eBAG-280x650x0.08-eM-35	eMS-4/100-10-x	500pcs / carton
eOP0095-12-eM-35	eBAG-280x650x0.06-eM-35		500pcs / carton
eOP0095-13-eM-35	eBAG-300x360x0.06-eM-35	eJR-235-51-X, eJR8-200-23-Base-X	500pcs / carton
eOP0095-14-eM-35	eBAG-310x780x0.08-eM-35	eMS-4/100-25-x	500pcs / carton
eOP0095-15-eM-35	eBAG-330x360x0.06-eM-35	eCT-LX8/200-4-44-X, eCT-LX6/150-4-44-X	500pcs / carton
eOP0095-16-eM-35	eBAG-360x550x0.10-eM-35	For 8" clam shell	500pcs / carton
eOP0095-17-eM-35	eBAG-360x650x0.06-eM-35		500pcs / carton
eOP0095-18-eM-35	eBAG-368x863x0.08-eM-35		500pcs / carton
eOP0095-19-eM-35	eBAG-370x400x0.06-eM-35	eMS-2/50-25-x, eMS-3/76-25-x, ePB-2/50-25-x, ePB-3/76-25-x	500pcs / carton
eOP0095-20-eM-35	eBAG-406x508x0.06-eM-35		500pcs / carton
eOP0095-21-eM-35	eBAG-406x508x0.08-eM-35		500pcs / carton
eOP0095-22-eM-35	eBAG-410x460x0.06-eM-35		500pcs / carton
eOP0095-23-eM-35	eBAG-410x510x0.06-eM-35	eCT2-50-x, eCT-LX12/300-4-44-x.	500pcs / carton
eOP0095-24-eM-35	eBAG-445x876x0.06-eM-35		500pcs / carton
eOP0095-25-eM-35	eBAG-450x510x0.06-eM-35		500pcs / carton
eOP0095-26-eM-35	eBAG-495x533x0.06-eM-35		500pcs / carton
eOP0095-27-eM-35	eBAG-495x615x0.06-eM-35	For 8" ePRO inside bag	500pcs / carton
eOP0095-28-eM-35	eBAG-635x502x0.08-eM-35		500pcs / carton

**Please confirm Description and Order Code information with your ePAK Representatives*

Material code info:

Material	Code	SR
Plastic Clean Room Bag (LDPE)	eM-35	n/a

Bag Part Number Description:



[RETURN TO TABLE OF CONTENTS](#)

Plastic Clean Room Bags - Clear HDPE bags- open on one side

Bag Description	Order Code	For ePAK Products:	Std Pack Quantity
eM-52 (HDPE) Material:			
eBAG-230x500x0.08-eM-52	eOP0129-1-eM-52	For 2" cassette	500pcs / carton
eBAG-280x580x0.08-eM-52	eOP0129-2-eM-52	For 2.5"/3" cassette	500pcs / carton
eBAG-305x356x0.08-eM-52	eOP0129-3-eM-52	ePRO-4/100-25-x	500pcs / carton
eBAG-320x406x0.08-eM-52	eOP0129-4-eM-52	ePRO-5/125-25-x	500pcs / carton
eBAG-380x430x0.08-eM-52	eOP0129-5-eM-52	ePRO-6/150-25-x	500pcs / carton
eBAG-485x585x0.08-eM-52	eOP0129-6-eM-52	ePRO-8/200-25-x	500pcs / carton
eBAG-381x483x0.08-eM-52	eOP0129-7-eM-52	6" Coinstyle Single Shippers	500pcs / carton
eBAG-600x620x0.08-eM-52	eOP0129-8-eM-52	450mm Single Shipper	100pcs / carton

**Please confirm Description and Order Code information with your ePAK Representatives*

Material code info:

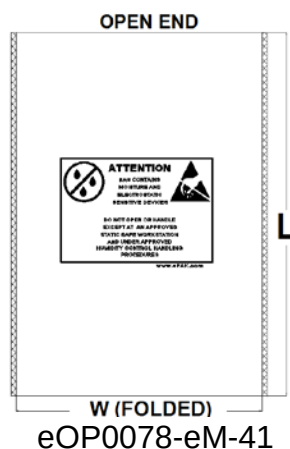
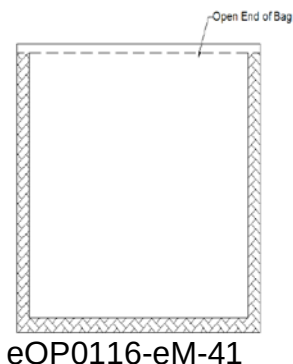
Material	Code	SR
Plastic Clean Room Bag (HDPE)	eM-52	n/a

Bag Part Number Description:

eBAG-XXX-XXX-X.XX-eM-XX

- Material code
- Material Thickness (mm)
- Bag Length (mm)
- Bag Width (open side)
- Product Type

[RETURN TO TABLE OF CONTENTS](#)



ESD/Moisture Barrier Bag (Metalized PET+PET+CPE material)-

eM-41 Material:			
Bag Description	Order Code	For ePAK Products:	Std Pack Quantity
eBAG-141x138x0.08-eM-41	eOP0116-eM-41		500pcs / carton
eBAG-171x168x0.08-eM-41	eOP0116-2-eM-41		500pcs / carton
eBAG-159x159x0.08-eM-41	eOP0106-eM-41		500pcs / carton
eBAG-160x200x0.08-eM-41	eOP0078-1-eM-41	eJR4-100-20-x, eJR4-100-30-x	500pcs / carton
eBAG-160x220x0.08-eM-41	eOP0078-2-eM-41	eWB0040 and eWB0044	500pcs / carton
eBAG-166x192x0.08-eM-41	eOP0078-3-eM-41	eJR4-100-23-x, eJR4-100-32-x	500pcs / carton
eBAG-180x230x0.08-eM-41	eOP0078-4-eM-41	eJR4-100-49-x	500pcs / carton
eBAG-195x230x0.08-eM-41	eOP0078-5-eM-41	eJR4-100-49-X, eJR4-100-60.5-X	500pcs / carton
eBAG-200x260x0.08-eM-41	eOP0078-6-eM-41		500pcs / carton
eBAG-200x300x0.08-eM-41	eOP0078-7-eM-41		500pcs / carton
eBAG-230x280x0.08-eM-41	eOP0078-8-eM-41	eJR6-170-38-x	500pcs / carton
eBAG-260x310x0.08-eM-41	eOP0078-9-eM-41	eWB0086	500pcs / carton
eBAG-280x330x0.08-eM-41	eOP0078-10-eM-41	eCT-152-26-x	500pcs / carton
eBAG-280x580x0.08-eM-41	eOP0078-11-eM-41	eWB0029	500pcs / carton
eBAG-280x650x0.08-eM-41	eOP0078-12-eM-41	eWB0258	500pcs / carton
eBAG-305x356x0.08-eM-41	eOP0078-13-eM-41	ePRO-4/100-25-x	500pcs / carton
eBAG-305x406x0.08-eM-41	eOP0078-14-eM-41		500pcs / carton
eBAG-310-360x0.08-eM-41	eOP0078-15-eM-41	eCT-202-30-x, eJR-235-51-x	500pcs / carton
eBAG-310x780x0.08-eM-41	eOP0078-16-eM-41	For eWB0259	500pcs / carton
eBAG-320x360x0.08-eM-41	eOP0078-17-eM-41		500pcs / carton
eBAG-320x406x0.08-eM-41	eOP0078-18-eM-41	ePRO-5/125-25-x	500pcs / carton
eBAG-330x380x0.08-eM-41	eOP0078-19-eM-41	eCT-LX6/150-4-44-x, eCT-LX8/200-4-44-x, eWB0323	500pcs / carton
eBAG-365x550x0.10-eM-41	eOP0078-20-eM-41	8" clamshell	500pcs / carton
eBAG-380x430x0.08-eM-41	eOP0078-21-eM-41		500pcs / carton
eBAG-390x460x0.08-eM-41	eOP0078-22-eM-41	ePRO-6/150-25-x	500pcs / carton
eBAG-420x500x0.08-eM-41	eOP0078-23-eM-41	eCT-LX12/300-4-44-x,	500pcs / carton
eBAG-460x520x0.08-eM-41	eOP0078-24-eM-41		500pcs / carton
eBAG-500x600x0.08-eM-41	eOP0078-26-eM-41		500pcs / carton
eBAG-508x635x0.08-eM-41	eOP0078-27-eM-41		500pcs / carton
eBAG-546x610x0.08-eM-41	eOP0078-28-eM-41		500pcs / carton
eBAG-813x813x0.08-eM-41	eOP0078-29-eM-41		500pcs / carton
eBAG-500x600x0.08-eM-41	eOP0078-26-eM-41		500pcs / carton
eBAG-500x600x0.08-eM-41	eOP0078-26-eM-41		500pcs / carton

*Please confirm Description and Order Code information with your ePAK Representatives

Material code info:

Material	Code	SR
ESD/Moisture Barrier Bag (Metalized PET+PET+CPE)	eM-41	10e6 -10e11

[RETURN TO TABLE](#)
[OF CONTENTS](#)

ESD Shielding Bag (PET/AL/CPP Material)

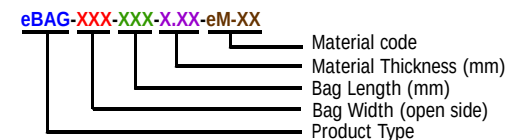
eM-33 Material:			
Bag Description	Order Code	For ePAK Products:	Std Pack Quantity
eBAG-160x200x0.14-eM-33	eOP0332-1-eM-33	eJR4-100-23-X, eJR4-100-32-X	500pcs/ carton
eBAG-205x255x0.14-eM-33	eOP0332-2-eM-33		500pcs/ carton
eBAG-225x305x0.14-eM-33	eOP0332-3-eM-33		500pcs/ carton
eBAG-230x460x0.14-eM-33	eOP0332-4-eM-33		500pcs/ carton
eBAG-255x305 x0.14-eM-33	eOP0332-5-eM-33		500pcs / carton
eBAG-280x310x0.14-eM-33	eOP0332-6-eM-33	eCT8-200-0.7-x, eCT6-150-X	500pcs / carton
eBAG-305x255x0.14-eM-33	eOP0332-7-eM-33		500pcs/ carton
eBAG-330x360x0.14-eM-33	eOP0332-8-eM-33	eCT-LX6/150-4-44-x, eCT-LX8/200-4-44-x	500pcs / carton
eBAG-330x380x0.075-eM-33	eOP0332-9-eM-33	eCT-LX6/150-4-44-x, eCT-LX8/200-4-44-x	500pcs / carton
eBAG-370x400x0.14-eM-33	eOP0332-10-eM-33	eMS-2/50-25-X, eMS-3/76-25-X	500pcs / carton
eBAG-425x470x0.08-eM-33	eOP0332-11-eM-33		500pcs / carton
eBAG-550x600x0.14-eM-33	eOP0332-12-eM-33		500pcs/ carton

**Please confirm Description and Order Code information with your ePAK Representatives*

Material code info:

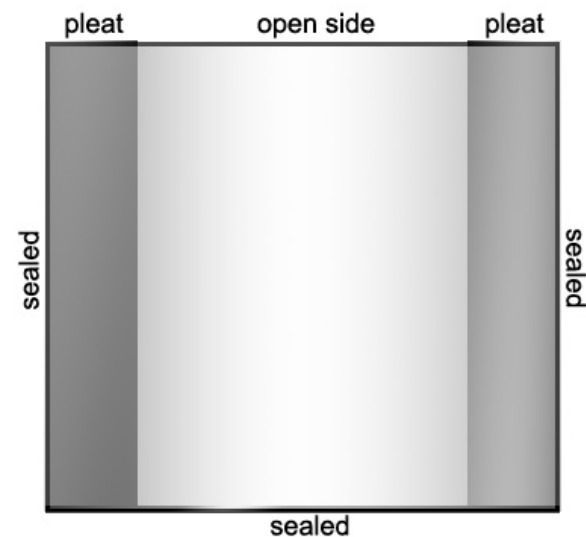
Material	Code	SR
ESD Shielding Bag (PET/AL/CPP)	eM-33	10e8 -10e9 (outer) 10e8-10e10 (inner)

Bag Part Number Description:



[RETURN TO TABLE
OF CONTENTS](#)

PLEATED PACKING BAGS



Pleated Bags: Pleated on 2 sides

Bag Description	Std Pack Quantity	Order Code	For ePAK Products:
eBAG-155x255x0.06-eM-35	500pcs/ carton	eOP0113-eM-35	
eBAG-152.4x228.6x0.06-eM-35	500pcs/ carton	eOP0113-eM-35	
eBAG-960x830x0.08-eM-52	500pcs/ carton	eOP0113-eM-52	For FOSB

**Please confirm Description and Order Code information with your ePAK Representatives*

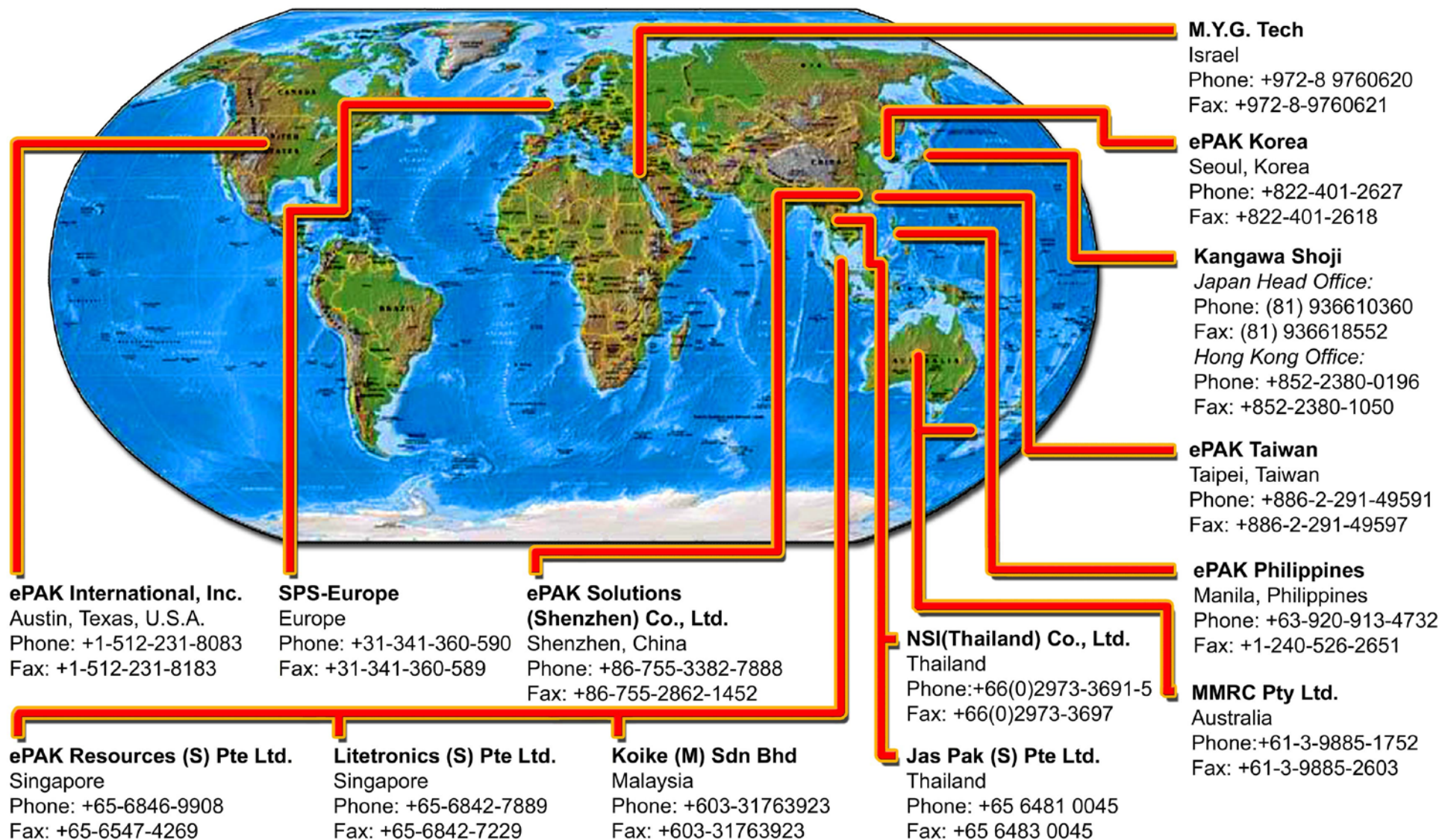
Material code options (–x in P/N):

Material	Code	SR
Plastic Clean Room Bag (LDPE)	eM-35	n/a
Plastic Clean Room Bag (HDPE)	eM-52	n/a



[RETURN TO TABLE OF CONTENTS](#)

WORLDWIDE LOCATIONS



[RETURN TO TABLE OF CONTENTS](#)