

3M STATIC SHIELDING BAGS

3M™ offers a wide variety of Static Shielding Bags to suit virtually every application and customer need. All 3M™ Static Shielding Bags meet the electronic industry's static shielding requirements. Custom sizes and bags without printing are available upon request.

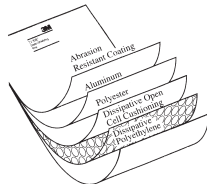
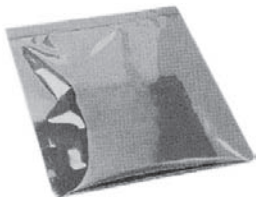


METAL-IN STATIC-SHIELDING BAGS

The 3M™ 1900/1910 Series Metal-In Static Shielding Bag is ideal for applications where testing and reusing bags is not a prime consideration. 1900/1910 bags are amine-free and non-corrosive. 1910 bags feature a zipper closure for easy opening and closing. **Thickness:** 2.9mil.

Cat. No.	Size*	Net Price Per 100
PLAIN TOP		
1900-3-5	3"×5"	\$7.36
1900-4-6	4"×6"	8.48
1900-5-8	5"×8"	12.03
1900-6-10	6"×10"	15.74
1900-8-12	8"×12"	21.27
1900-12-16	12"×16"	41.11
RECLOSEABLE TOP		
1910-3-5	3"×5"	10.54
1910-4-6	4"×6"	12.19
1910-5-8	5"×8"	17.28
1910-6-10	6"×10"	22.60
1910-8-12	8"×12"	30.57
1910-12-16	12"×16"	58.49

*Available in other sizes, must be bought in multiples of 100 bags.

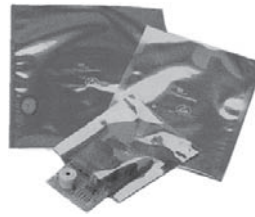


METAL-OUT STATIC SHIELDING BAGS

The 3M™ 2100R/2110R Metal-Out Static Shielding Bag is our thickest and most durable bag, ideal for more demanding applications where testing and reusing bags is a prime consideration. 2100R bags are produced such that the shielding layer is very near the exterior surface. A thin abrasion-resistant coating protects this metal surface from scratches, but still permits rapid charge draining. 2110R bags feature a zipper closure for easy opening and closing. **Thickness:** 3.2mil.

Cat. No.	Size*	Net Price Per 100
2100R-3-5	3"×5"	\$16.42
2100R-4-6	4"×6"	21.43
2100R-4-26	14"×26"	55.31
2100R-5-8	5"×8"	35.40
2100R-6-10	6"×10"	40.96
2100R-8-10	8"×10"	45.01
2100R-8-12	8"×12"	51.04
2100R-10-12	10"×12"	63.44
2100R-11-15	11"×15"	89.06
2100R-12-16	12"×16"	103.71
2100R-12-18	12"×18"	107.98
2100R-14-18	14"×18"	125.35
2100R-15-18	15"×18"	134.42
2100R-18-18	18"×18"	160.45
2100R-16-24	16"×24"	182.33
RECLOSEABLE ZIPPER		
2110R-3-5	3"×5"	21.56
2110R-4-6	4"×6"	28.13
2110R-5-8	5"×8"	46.51
2110R-6-8	6"×8"	48.01
2110R-6-10	6"×10"	53.77
2110R-8-10	8"×10"	59.15
2110R-8-12	8"×12"	67.05
2110R-10-12	10"×12"	83.33
2110R-11-15	11"×15"	117.04

*Available in other sizes, must be bought in multiples of 100 bags.

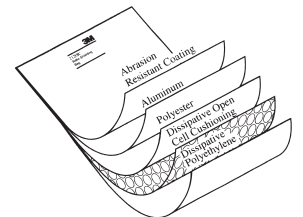
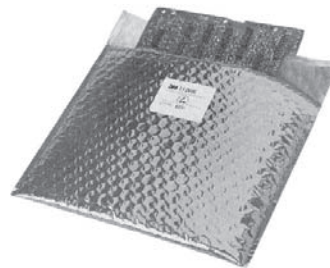


LIGHTWEIGHT METAL-IN STATIC SHIELDING BAGS

The 3M™ 1960 Metal-In Static Shielding Bag is a low-cost, lightweight bag. The 1960 bag meets standard requirements of static shielding bags, but is lighter in weight to provide significant cost savings. **Thickness:** 2.0mil.

Cat. No.	Size*	Net Price Per 100
1960-3-5	3"×5"	\$4.98
1960-4-6	4"×6"	5.94
1960-5-8	5"×8"	8.82
1960-6-10	6"×10"	10.44
1960-6-8	6"×8"	9.45
1960-8-10	8"×10"	13.17
1960-8-12	8"×12"	14.70
1960-10-12	10"×12"	16.50
1960-12-18	12"×18"	29.35
1960-15-18	15"×18"	36.27
1960-18-18	18"×18"	43.16

*Not available in other sizes, must be bought in multiples of 100 bags.



CUSHIONED METAL-OUT STATIC SHIELDING BAGS AND WRAPS

3M™ 2120R/2126R Metal-Out Cushioned Static Shielding Bags and Wrap protect devices from physical damage as well as provide proper static shielding. The open-cell cushioning structure provides physical shock protection even when punctured.

2120R bags have a smooth static-dissipative polyethylene liner that minimizes snagging of pins or sharp edges during insertion or removal.

2126R wrap is heat-sealable, but does not have the smooth inner liner. Supplied in rolls, it can be cut to fit various wrapping applications.

Cat. No.	Size*	Net Price Per 100
2120R-6-7	6"×7"	\$86.25
2120R-8-7	8"×7"	106.25
2120R-8-11	8"×11"	132.71
2120R-10-7	10"×7"	121.24
2120R-12-11	12"×11"	184.09
2120R-12-18	12"×18"	196.99
2120R-14-11	14"×11"	206.61
2120R-16-15	16"×15"	292.54
2120R-18-11	18"×11"	251.06
2120R-18-23	18"×23"	491.96

*Available in other sizes, must be bought in multiples of 100 bags.

WRAP

Cat. No.	Roll Size	Net Price Per Roll
2126R-24-125	24"×125"	\$326.72
2126R-48-125	48"×125"	718.54

3M and DualLock are registered trademarks of 3M.
Speidel is a registered trademark of Speidel Textron.
Used under license in Canada.



MOISTURE BARRIER BAGS

The 3M™ 3370 Moisture Barrier Bag has been designed to meet the demanding moisture protection needs of the electronics market. 3370 bags utilize a multi-layer 3.6mil film design that provides puncture and tear resistance and the problems associated with them. 3370 bags provide proven, long-term protection in the most critical seepage area—the seams. The 3370 bag provides high frequency protection and static shielding to protect even the most sensitive parts.

Cat. No.	Size*	Net Price Per 100
3370-4-6	4" x 6"	\$13.35
3370-5-8	5" x 8"	18.11
3370-8-10	8" x 10"	30.47
3370-10-12	10" x 12"	43.42
3370-12-16	12" x 16"	66.15
3370-16-18	16" x 18"	93.93
3370-18-24	18" x 24"	136.08

*Available in other sizes, must be bought in multiples of 100 bags.

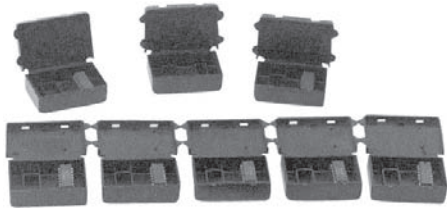


SINGLE CARD CARRIERS

3M™ Static-Shielding Single Card Carriers protect individual printed circuit boards or other electronic devices from static and physical damage during storage and transport. The lid of the card carrier can be modified to include windows for viewing the contents, company logo, or identification labels. Interiors are lined with dissipative cushioned foam.

Cat. No.	Dimensions In. (cm)			Net Price
	Length	Width	Depth	
8520	10 (25.4)	8 (20.3)	1.25 (3.2)	\$27.40
8521	12 (30.5)	9 (22.9)	1.25 (3.2)	34.05
8522	18 (45.7)	17 (43.2)	2 (5.1)	69.49
8523	10 (25.4)	8 (20.3)	2 (5.1)	31.82

NOTE: All dimensions are referenced from the inside bottom of the container.



SINGLE DEVICE CARRIERS

The rugged injection-molded 3M™ 5701 Single Device Carrier provides cost-effective physical and static protection for DIPs. 5701 Single Device Carriers meet EIA-540 requirements for static shielding and a unique "saddle" design supports device leads and helps prevent accidental bending. Carrier accepts up to 18-pin 300 mil and 400 mil devices, and up to 28-pin 600 mil devices.

Cat. No.	Dimensions In. (cm)			Net Price
	Length	Width	Depth	
5701	1.55 (3.9)	1.01 (2.6)	0.46 (1.2)	\$3.35

Note: All dimensions are referenced from the inside bottom of the container.



7101/REUSABLE



7102/DESTRUCTIBLE



7201/REUSABLE
7202/DESTRUCTIBLE

LABELS

3M™ 7000 Series Labels are designed to alert personnel handling bags, boxes, or other carriers that the contents are static-sensitive to help prevent improper handling. Available in single use or reusable forms using the accepted industry static symbols. Bags sealed with destructible labels cannot be opened without fracturing the label.

Cat. No.	Description	Net Price Per Roll of 500
7101	JEDEC-14, reusable labels. 1 1/8" W x 2 1/2" H. Colour: black print on orange.	\$33.46
7102	JEDEC-14, destructible labels. 1 1/8" W x 2 1/2" H. Colour: black print on yellow.	37.19
7201	MIL-STD-129, reusable labels. 2" x 2". Colour: black print on yellow.	42.33
7202	MIL-STD-129, destructible labels. 2" x 2". Colour: black print on yellow.	42.33



ANTISTATIC UTILITY TAPE

3M™ 40 Antistatic Utility Tape combines 3M's remarkable antistatic adhesive with a clear, one mil polyester film backing. It is perfect for use in static-sensitive areas to hold work orders, notes, or instructions in place, to seal static shielding bags and boxes containing electronic components, or to bundle DIP tubes and JEDEC shipping trays. 40PR is a printed version with a special pattern of ESD symbols to alert users that this is the only tape that should be used in static-safe areas.

Cat. No.	Dimensions		Net Price
	Widths In. (mm)	Length Yd. (m)	
40-1/2-36	0.50 (12.6)	36 (66)	\$4.76
40-3/4-36	0.75 (19.0)	36 (66)	8.32
40-1/4-72	0.25 (6.3)	72 (66)	4.80
40-1/2-72	0.50 (12.6)	72 (66)	9.59
40-3/4-72	0.75 (19.0)	72 (66)	14.39
40-1-72	1.00 (25.4)	72 (66)	19.16



ANTISTATIC UTILITY TAPE DISPENSER

The 3M™ 620 Tape Dispenser is designed for use in ESD protected areas with 3M™ utility tapes. It is made of conductive and static-dissipative materials, which will minimize or eliminate problems associated with conventional dispensers. Accepts tape up to 2" wide on either 3" or 1" cores. Unit is shipped with a 3" dissipative drum.

Cat. No.	Net Price
620	\$83.40

3M and DualLock are registered trademarks of 3M.
Speidel is a registered trademark of Speidel Textron.
Used under license in Canada.

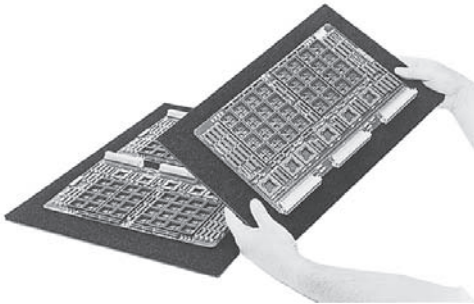


CIRCUIT BOARD SHIPPERS

For storing or shipping circuit boards. Shipped assembled with convoluted static dissipative foam laminated to top and loose in bottom. Also available with special foam configurations or box only (without foam, shipped flat). **Custom sizes available.**

Cat. No.	Inside Dimensions L x W x D	Net Price
37053	7 x 5 x 1-1/2	\$3.59
37055	7 x 5 x 2-1/2	4.06
37057	9 x 7-1/2 x 2-1/2	5.69
37059	10-1/2 x 8-1/2 x 1-1/2	4.99
37067	14-7/8 x 6-5/8 x 2	5.47
37071	15-1/2 x 12-1/2 x 2-1/2	10.61
37073	16 x 12-1/4 x 3-1/2	11.84

NOTE: Other sizes available.



TEK-MATE™

Permanently static dissipative cross-link foam bonded to a laminated static safe corrugated folder. Includes 3/8" grounding snap. Used as a portable work surface for handling or storing circuit boards. **Available in 2 popular sizes.**

Cat. No.	Size	Net Price
37800	12 x 18	\$17.51
37801	18 x 24	25.55



PRO-MAT™ SHELF, CART & WORK STATION MATS

PROTEKTIVE PAK'S static dissipative mat material assists in the protection from sensitive electronic discharge (ESD) during the manufacturing process. Static charges from people and conductive/dissipative objects are quickly drained to ground by the CDM safe material. The static dissipative surface measures 10⁷—10¹⁰ ohms/square with a buried shielding layer of < 10⁴ ohms/square. Pro-Mat liners come complete with 3/8" grounding snap. Specify male or female snaps when ordering.

APPLICATION—Wood or steel shelving liners, metro carts, circuit board cart liners, inexpensive work station mats/field service mats or floor mats.

Cat. No.	Description	Net Price
MALE SNAPS		
37674	23-1/2 x 47-1/2 x 1/16	\$14.58
37673	17-1/2 x 35-1/2 x 1/16	10.94
37676	23-1/2 x 35-1/2 x 1/16	12.76
FEMALE SNAPS		
39792	17-1/2 x 35-1/2 x 1/16	10.94
39796	23-1/2 x 47-1/2 x 1/16	14.58
39858	23-1/2 x 35-1/2 x 1/16	12.76



REEL STORAGE CONTAINERS

The 413-132 Reel container is very heavy duty incorporating a metal reinforced perimeter frame. Static dissipative indexing ribs prevent the reels from rolling forward when stacked on their sides and from falling over when the container is partially full. This container comes fully assembled including static dissipative handles. This box is currently available for 13" reel and 7" reel sizes. (7" does not include steel frame)

Cat. No.	Outside Dimensions L x W x D	Net Price
37560	13-1/2 x 12 x 13-1/4	\$41.03
37561	12 x 7-1/4 x 7-1/4	28.87
37562	20 x 7-1/4 x 7-1/4	41.77



RICHMOND 8300 BAGS

FEATURES: ESD shielding. Low charging interior and exterior layers. High performance abrasion-resistance coating. Metal outer layer provides a more rapid charge dissipation when the bag touches a grounded surface. Extrusion laminated film—cleaner interior than competitor's. Reduced NVR. Controlled out-gassing. No solvent based adhesives used in manufacturing. Low ionic (anion) content. Greater than 40% light transmission. 100 bags per package. Meets or exceeds the recommendations of ANSI/EOS S20.0 ESD Standard. **SPECIFICATIONS:** Resistivity of outer surface: <10⁸ ohms. Resistivity of metal layer: <10² ohms. Resistivity of inner surface: <10¹² ohms. Thickness: 3.1 mil.

Cat. No.	Description	Size (Inches)	Net Price Per 100
48500	Metal out	4 x 4	\$6.54
48501		4 x 6	7.86
48502		5 x 8	10.88
48503		6 x 8	12.35
48504		6 x 10	14.61
48505		8 x 8	15.58
48506		8 x 10	18.16

Note: Other sizes available. Pink poly bags are also available 491XX series.