



STATSHIELD® TRANSPARENT METAL IN PREMIUM ESD SHIELDING BAGS

With Zipper		Without Zipper		Without Zipper	
Item	Size (W x L)	Item	Size (W x L)	Item	Size (W x L)
12750	3" x 5"	12700	3" x 5"	12723	10" x 16"
12751	4" x 4"	12701	4" x 4"	12730	12" x 16"
12752	4" x 6"	12702	4" x 6"	12732	12" x 24"
12753	4" x 24"	12703	4" x 24"	12733	12" x 30"
12754	5" x 8"	12704	4" x 30"	12736	15" x 18"
12755	6" x 10"	12705	5" x 8"	12737	16" x 18"
12756	6" x 24"	12706	6" x 8"	12738	16" x 20"
12758	8" x 10"	12708	6" x 16"	12740	16" x 30"
12759	8" x 12"	12711	6" x 30"	12741	18" x 18"
12760	10" x 12"	12712	8" x 8"	12743	18" x 24"
12761	10" x 14"	12713	8" x 10"	12744	24" x 24"
12764	12" x 16"	12714	8" x 12"		
12765	12" x 18"	12716	8" x 16"		
12766	14" x 18"	12717	8" x 18"		
12768	18" x 18"	12718	8" x 24"		
12769	18" x 24"	12719	8" x 30"		
12770	24" x 24"	12721	10" x 12"		

12758

Visit us on-line to view more bag sizes: www.desco.com

12713



The Statshield® watermark ensures you are getting top quality Desco proprietary film manufactured by Richmond.

For detailed information on all Desco packaging products: www.desco.com/catalog

- **Laminate watermarked Statshield®**
Provides visual check, ensuring use of the highest quality ESD shielding bag film
- **<15 nanojoule energy penetration**
Superior protection to ESDS bag contents; better value and better performance than more expensive shielding bags
- **0.35 gram moisture vapor transmission rate**
Superior protection for moisture sensitive products; better value than more expensive ESD shielding bags
- **40% light transmission**
Allows for easy identification of contents without removal
- **Highest quality**
We refuse to put your products at risk
- **Integral antistatic, low tribocharging properties**
Bag contents will not electrostatically charge during movement
- **Integral static dissipative properties**
Not topically treated, not humidity dependent, won't wear off
- **Manufactured on specially designed soft fold converting machines**
Prevents scratches and creases, maintaining the integrity of Faraday Cage shielding protection
- **Large 3/8" wide seals - high performance interior sealing layer**
Greater sealing surface provides greater seal strength compared to comparable products with 1/8" wide seals; higher quality, more durable
- **Identified with ESD Protective Symbol as required by ANSI/ESD S541 with traceable lot code #**
Improved quality control tracking and identified as ESD packaging.
- **Lot coded**
Quality control traceability
- **Polycarbonate compatible containing no amines or N-octanoic acid**
Non-corrosive, will not contaminate parts
- **Testable to industry standards**
Meets or exceeds one or more of the following standards: electrical and physical requirements of ANSI/ESD S20.20, Mil-PRF-81705D Type II, EIA 541, EIA 625, MIL-STD-1686, and EIA 583
- **Heat sealable or optional antistatic, low charging zipper**
Convenient reclosable seal; reusable
- **Resistance of outer surface: <math><10^{10}</math> ohms**
- **Resistance of metal layer: <math><10^2</math> ohms**
- **Resistance of inner surface: <math><10^{10}</math> ohms**
- **Thickness: 3.1 mil**
- **Made in America**

If Interior Ionic Contamination or Outgassing is a concern for you, Desco's Premium Metal Bags are the right choice for your needs. Visit us online at: <http://www.desco.com/premiumstatshieldbag.asp>

Drawing 12750 (Antistatic Zipper)
Drawing 12700 (Without Zipper)

STATSHIELD® TRANSPARENT METAL IN STANDARD ESD SHIELDING BAGS

With Zipper		With Zipper		Without Zipper		Without Zipper	
Item	Size (W x L)	Item	Size (W x L)	Item	Size (W x L)	Item	Size (W x L)
13605	3" x 5"	13670	10" x 12"	13415	4" x 6"	13475	10" x 14"
13615	4" x 6"	13700	12" x 16"	13430	5" x 8"	13500	12" x 16"
13630	5" x 8"	13705	12" x 18"	13445	6" x 10"	13505	12" x 18"
13640	6" x 8"	13715	15" x 18"	13465	8" x 12"	13515	15" x 18"
13660	8" x 10"	13725	18" x 24"	13470	10" x 12"	13524	18" x 24"

- **Most commonly used shielding bag**
High volume manufacturing provides value for the customer
- **40% light transmission**
Allows for easy identification of bag contents
- **Integral antistatic, low tribocharging properties**
Bag contents will not electrostatically charge during movement
- **Resistance of outer surface: 10^{11} ohms**
- **Resistance of metal layer: 10^2 ohms**
- **Resistance of inner surface: 10^{11} ohms**
- **Thickness: 3.0 mil**
- **Made in America**

Visit us on-line to view more bag sizes:
www.desco.com



13465

Drawing 13605 (Antistatic Zipper) and Drawing 13405 (Without Zipper), MSDS TB-7024

STATSHIELD® TRANSPARENT METAL OUT ESD SHIELDING BAGS

With Zipper		With Zipper		Without Zipper		Without Zipper	
Item	Size (W x L)	Item	Size (W x L)	Item	Size (W x L)	Item	Size (W x L)
13205	3" x 5"	13270	10" x 12"	13010	3" x 5"	13075	10" x 12"
13215	4" x 6"	13275	10" x 14"	13020	4" x 6"	13080	10" x 14"
13230	5" x 8"	13300	12" x 16"	13050	6" x 10"	13090	10" x 24"
13245	6" x 10"	13315	15" x 18"	13065	8" x 10"	13115	12" x 18"
13262	8" x 10"	13325	18" x 24"	13070	8" x 12"	13125	15" x 18"

- **Aluminum metal outer layer of laminated film**
Metal out required by many end users
- **40% light transmission**
Allows for identification of bag contents
- **Integral antistatic, low tribocharging properties**
Bag contents will not electrostatically charge during movement
- **Resistance of outer surface: 10^8 ohms**
- **Resistance of metal layer: 10^2 ohms**
- **Resistance of inner surface: 10^{11} ohms**
- **Thickness: 3.0 mil**
- **Made in America**

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13065

Drawing 13205 (Anti-Static Zipper) and Drawing 13010 (Without Zipper)

STATFREE® ULTRA CLEAR ESD BARRIER BAGS

With Zipper		With Zipper		Without Zipper		Without Zipper	
Item	Size (W x L)	Item	Size (W x L)	Item	Size (W x L)	Item	Size (W x L)
13879	3" x 5"	13883	10" x 12"	13878	3" x 5"	13874	10" x 12"
13880	4" x 6"	13884	12" x 16"	13871	4" x 6"	13876	12" x 16"
13881	5" x 8"	13885	12" x 18"	13872	5" x 8"	13877	12" x 18"
13882	8" x 10"			13873	8" x 10"		

- **Static dissipative**
Superior choice over blue and pink poly bags
- **Integral antistatic, low tribocharging properties**
Bag contents will not electrostatically charge during movement
- **Integral static dissipative properties**
Not topically treated, not humidity dependent, won't wear off
- **Resistance of outer and inner layer: 10^{11} ohms**
- **Made in America**



13880

Drawing 13880





STATSHIELD® EMI/RFI ESD MOISTURE BARRIER BAGS

Item	Size (W x L)
13808	6" x 10"
13810	6" x 24"
13811	6" x 30"
13816	10" x 12"
13820	10" x 24"
13822	10" x 30"
13824	12" x 16"
13826	12" x 18"
13828	15" x 18"
13829	16" x 18"
13830	18" x 18"
13832	18" x 24"

For detailed information on all Desco packaging products:
www.desco.com/catalog

- **EMI shielding**
Meets requirements of MIL B 81705 Rev C, Type 1
- **3.5 mil thick**
< 0.020 grams MVTR
- **Integral antistatic, low tribocharging properties**
Bag contents will not electrostatically charge during movement
- **Made in America**

Drawing 13806 and Technical Bulletin TB-2031



13808

STATSHIELD® EMI/RFI ESD HIGH MOISTURE BARRIER BAGS

Item	Size (W x L)
13760	4" x 6"
13761	5" x 8"
13762	6" x 10"
13763	8" x 10"
13764	10" x 12"
13765	10" x 24"
13766	10" x 30"
13767	12" x 16"
13768	15" x 18"
13769	18" x 18"
13770	18" x 24"

We recommend closing bags with ESD susceptibility labels.
Per ANSI/ESD S8.1 paragraph 3.1 ESD Susceptibility Symbol Application "The Symbol may be incorporated on a sticker used to close or seal ESD protective packaging to indicate that materials inside the package are ESD susceptible."



For labels, see page 37

- **EMI Shielding**
Meets requirements of MIL B 81705 Rev C, Type-1
- **Superior MVB Protection - 6.5 mil thick**
<0.005 grams MVTR
- **Integral antistatic, low tribocharging properties**
Bag contents will not electrostatically charge during movement
- **Made in America**

Drawing 13760 and Technical Bulletin TB-2031



13762

DESICCANT PACKS AND HUMIDITY INDICATOR CARDS

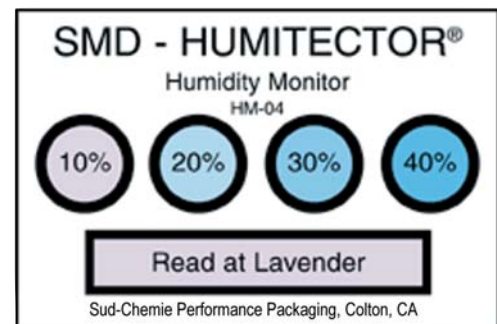
13870	Humidity Indicator, 2" x 3" Card, Can/100 per MIL-I-8835
13850	Desiccant Pack, 1/2 Unit Pail of 550, 3" x 3.5"
13852	Desiccant Pack, 1 Unit Pail of 300, 5" x 3.5"

- **MBB Bag**
To Protect
- **Desiccant**
To Absorb Moisture
- **Indicator**
To Monitor Performance
- **Made in America**

Drawings 13850, 13870 and Technical Bulletin TB-2031



13852



13870

10434





STATFREE® CONDUCTIVE FOAM

- 12660 Cross Linked, 1/4" (6.4mm)
- 12250 High Density, 1/4" (6.4mm)
- 12350 High Density, 3/8" (9.5mm)
- 12450 High Density, 1/2" (12.7mm)
- 12550 High Density, 3/4" (19.1mm)

- **Antistatic, low tribocharging**
Minimizes charge generation; material will conduct charges if grounded
- **Dissipative - corrosion resistant**
Ideal for long term storage
- **Uniform protection**
Will not affect the solderability of device leads
- **Cross linked will not particulate**
Choice for critical environments
- **Size: High Density - 24" x 36", Cross Linked - 24" x 35"**
- **Volume Resistivity: 10³-10⁵ ohms**
- **Surface Resistivity: 10³-10⁵ ohms**
- **Made in America**



12660

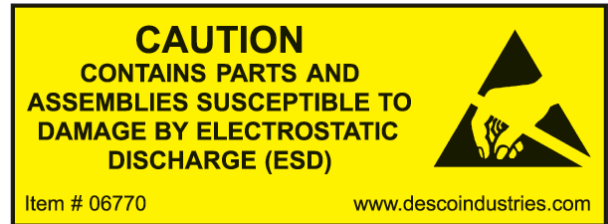
Drawing 12100

CONTAINS ESDS LABEL

06770 Contains ESDS Label, 2" wide x 3/4" high

- **Label for equipment that contains ESDS**
Identifies equipment that when opened has ESD sensitive (ESDS) items that are susceptible to ESD damage
- **3" core, 500 labels per roll**
- **Made in America**

Drawing 06770



06770

CAUTION LABEL

06727 Caution Label, MIL-STD-129M, 2" x 2"

- **3" core, 500 labels per roll**
- **Made in America**

Drawing 06727



06727

SUSCEPTIBILITY LABEL

- 06722 Susceptibility Label, RS-471, 2" x 2"
- 06723 Susceptibility Label, RS-471, Spanish, 2" x 2"
- 06725 Susceptibility Label, RS-471, Reusable, 1" x 2"
- 06730 Susceptibility Label, RS-471, Reusable, 2" x 2"

- **3" core, 500 labels per roll**
- **RS-471 symbol is same as ESD Association ESD Susceptibility symbol per ESD S8.1**
- **Made in America**

Drawing 06770



06722

MOISTURE SENSITIVE CAUTION LABELS - JEDEC 113/J-STD-033

06733 Moisture Sensitive Caution Label, 3" x 3"

- **Use with dry packaging applications**
- **Coated with an ultra violet varnish**
Added durability
- **Strong Adhesive**
Once affixed, will not peel off
- **Mounted on a 3" core**
For use in tape dispensers
- **250 labels per roll**
- **Meets both J-STD-033 and JEP 113 requirements**
- **Made in America**

Drawing 06733



06733

See our products being
Made in America
on our web site:
www.desco.com/factory

