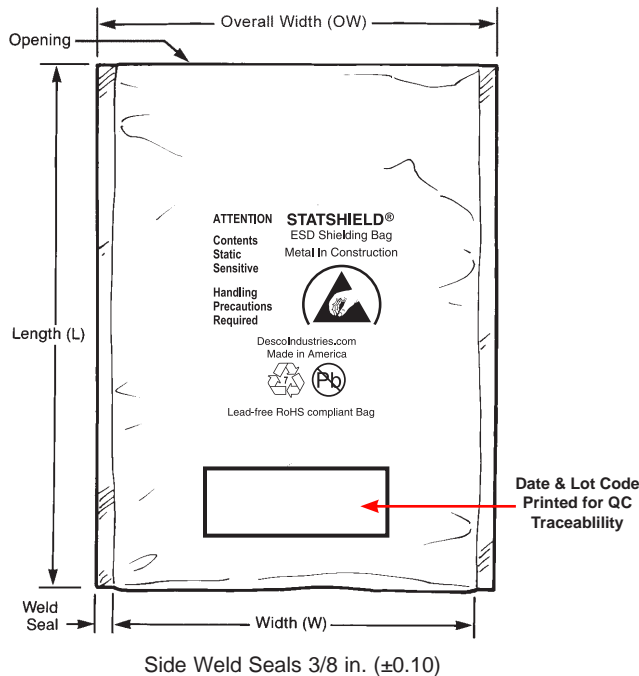


# STATSHIELD® METAL-IN SERIES LEAD-FREE AREA ESD SHIELDING BAG



## Specifications:

### Electrical Properties

Surface Resistance:  
Outer Surface  
Inner Surface  
Static Shielding  
Charge Generation

### Typical Values

<10E11 ohms  
<10E11 ohms  
<25 nJ  
Teflon: 0.09 nC/sq. in.  
Quartz: 0.01 nC/sq. in.  
<30V

### Test Procedures/Method

ANSI/ESD STM11.11  
ANSI/ESD STM11.11  
ANSI/ESD STM11.31  
Modified Incline Plane  
Modified Incline Plane  
EIA 541

### Physical Properties

Bag Thickness:  
Thickness  
Width (Inside Dimensions)  
Length (Inside Dimensions)  
Light Transmission (%)  
Heat Seal (lbs/in)  
Tensile  
Puncture Resistance (lbs)  
MVTR (gms / 100 in<sup>2</sup> / 24 hrs, 100°F)  
Outgassing  
Non-corrosive

Nominal .0030" (.0762mm) ±10%  
Nominal -0" / + .125"  
Nominal ± .125"  
>40% (Tobias)  
>10  
9000 PSI  
>10  
<0.40  
Pass  
Pass

MIL-STD-3010, 1003  
ASTM D-1003  
375°F, 1/2 sec 60 psi  
ASTM D882  
MIL-STD-3010, 2065  
FTMS 101C/2065  
ASTM E595  
MIL-STD-3010, M3005

### Chemical Properties

Corrosion

No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel

Polycarbonate Capability,

Yes

Bag is free of amines, N-octanoic acid, silicones and heavy metals.



\*Made in the United States of America

### ANSI/ESD S541 Section 6.2 Outside an EPA

"Transportation of sensitive products outside of an EPA shall require packaging that provides:

1. Low charge generation
2. Dissipative or conductive materials for intimate contact
3. A structure that provides electrostatic discharge shielding."

### RoHS and REACH Compliance Statement

None of the RoHS restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: Directive 2002/95/EC Article 4.1. and Regulation (EC) No. 1907/2006. See Desco Industries Inc. Limited Warranty at [ProtektivePak.com](http://ProtektivePak.com).

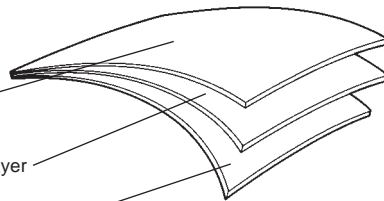
The bag's material meets the required limits of ANSI/ESD S541 per ANSI/ESD S20.20.


Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.

Specifications and procedures subject to change without notice.

\*Film made in USA or Malaysia

Low Charging Static  
Dissipative Proprietary  
Outer Polyester Layer  
Aluminum Shielding Layer  
Low Charging Static  
Dissipative Proprietary Inner  
Polyethylene Layer





**Mixed Unsortable Plastic Scrap**  
Mixed unsortable plastic scrap shall contain assorted plastics of multiple grades that are co-extruded, bonded or laminated together which are unsortable into individual grades.  
**Protektive Pak's bags are recyclable**

Statshield® bags are packaged 100 per package in an oversized shielding bag.  
**Shelf life of bags is minimum one year in normal indoor storage conditions.**

## STATSHIELD® BAG, SHIELDING, METAL-IN CONSTRUCTION, GREEN

# PROTEKTIVE PAK

**PROTEKTIVE PAK**  
13520 MONTE VISTA AVENUE, CHINO, CA 91710  
PHONE (909) 627-2578, FAX (909) 363-7331  
[ProtektivePak.com](http://ProtektivePak.com)

**DRAWING NUMBER**  
48600

**DATE:**  
October  
2011

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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