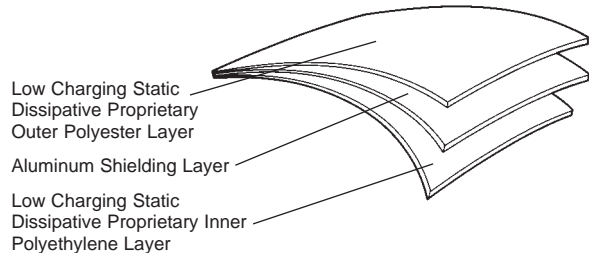
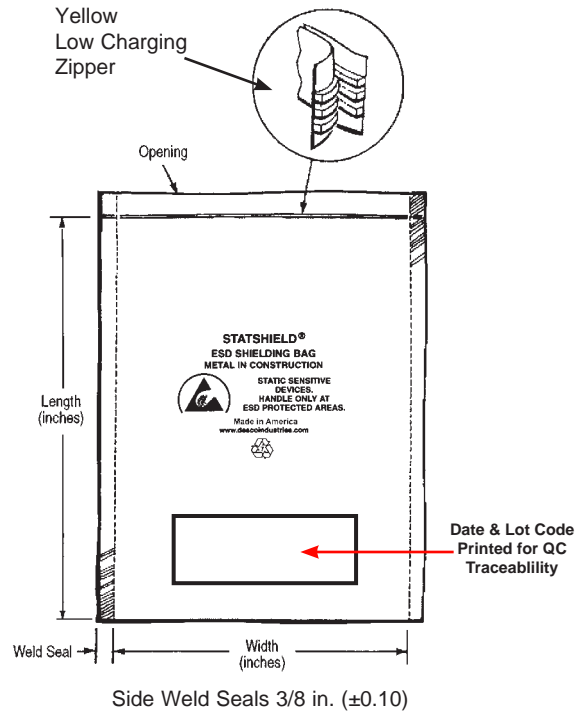



# STATSHIELD® METAL-IN SERIES



 **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**

## Specifications:

### Electrical Properties

Surface Resistance:  
 Outer Surface <10E11 ohms  
 Inner Surface <10E11 ohms  
 Static Shielding <25 nJ  
 Charge Generation Teflon: 0.09 nC/sq. in.  
 Quartz: 0.01 nC/sq. in.  
 Capacitance Probe (to dissipate 1 KV) <30V

### Typical Values

### 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 Nominal .0030" (.0762mm) ±10%  
 Width (Inside Dimensions) Nominal -0" / + .125"  
 Length (Inside Dimensions) Nominal ± .125"  
 Light Transmission (%) >40% (Tobias)  
 Heat Seal (lbs/in) >10  
 Tensile 9000 PSI  
 Puncture Resistance (lbs) >10  
 MVTR (gms / 100 in<sup>2</sup> / 24 hrs, 100°F) <0.40  
 Outgassing Pass  
 Non-corrosive 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.

### 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."



\*Made in the United States of America

### 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

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, ZIPPER

# 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**  
 48720

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 October  
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