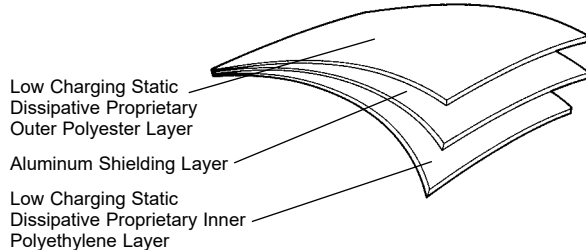


** Bags are printed (hot stamp or thermal) with an ESD protective symbol and a lot code for traceability. **



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 bags are recyclable

Statshield® bags are packaged 100 per package in an oversized shielding bag. See **Shielding Bag Storage** at [TB-7057](#).

STATSHIELD® METAL-IN SERIES



Specifications:

Standard Document
 ANSI/ESD S541 (ANSI/ESD S20.20)
 ANSI/ESD S11.4

Electrical Properties

Surface Resistance:
 Outer Surface: 1×10^4 to $< 1 \times 10^{11}$ ohms
 Inner Surface: 1×10^4 to $< 1 \times 10^{11}$ ohms
Discharge Shielding
 Charge Generation: < 20 nJ
 Teflon: 0.09 nC/sq. in.
 Quartz: 0.01 nC/sq. in.
 Capacitance Probe (to dissipate 1 kV): < 30 volts

Physical Properties

Film Thickness: Nominal 0.0030 " (0.0762 mm) $\pm 10\%$
Width (Inside Dimensions): Nominal -0 " / $+ 0.125$ "
Length (Inside Dimensions): Nominal ± 0.125 "
Light Transmission: $> 40\%$ (Tobias)
Heat Seal: > 10 lbs/in
Tensile Strength: 4600 PSI, 32 MPa
Puncture Resistance: > 10 lbs
Non-corrosive: Pass
Silicone: Not detected
Marking Adhesion: Pass

Chemical Properties

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

Meets Requirements of:
 ESD Protective Packaging
 Level 3 Technical Requirements

Test Procedures/Method

ANSI/ESD STM11.11
 ANSI/ESD STM11.11
 ANSI/ESD STM11.31, EIA 541
 Modified Incline Plane
 Modified Incline Plane
 ANSI/EIA-541/Appendix E, 1kV Discharge

MIL-STD-3010, 1003
 ASTM D-1003
 375°F , $1/2$ sec 60 psi
 ASTM 882
 MIL-STD-3010, 2065
 MIL-STD-3010, M3005
 ASTM E168
 IPC-TM-650 2.4.1

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, REACH and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement: [Regulatory_Statement_Statshield_Bags.pdf](#)

See Protektive Pak's Limited Warranty: [ProtektivePak.com/Limited-Warranty](#)

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

See Bag Selection Chart Click [HERE](#).

Specifications and procedures subject to change without notice.



Made in the
 United States of America

STATSHIELD® BAG, SHIELDING, METAL-IN, 0.0030" (0.0762mm)

PROTEKTIVE PAK

PROTEKTIVE PAK
 13250 MONTE VISTA AVENUE, CHINO, CA 91710
 PHONE (909) 627-2578
[ProtektivePak.com](#)

DRAWING NUMBER
 48700

DATE:
 September
 2021