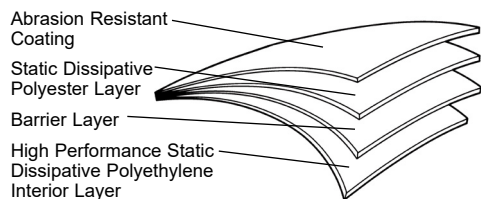
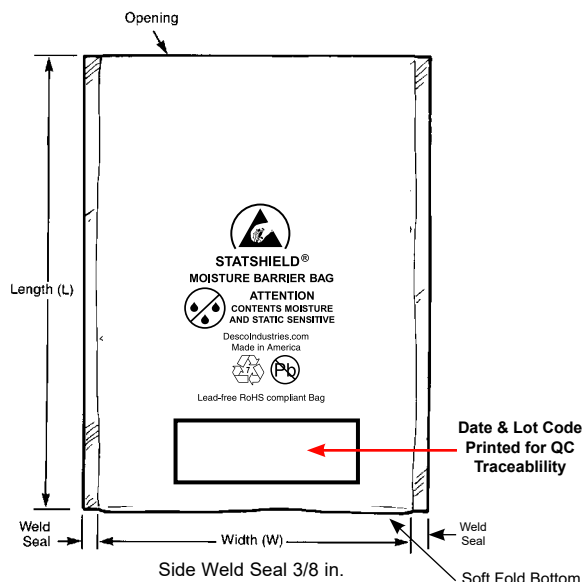




Protektive Shield™ ESD Shielding Moisture Barrier Bag



NOTE: The complete dry package concept of packaging for electronics requires three elements:

[Statshield® Moisture Barrier Bags](#) - To Protect

[Dessicant](#) - To Absorb Moisture

[Humidity Indicator Card](#) - To Monitor Performance

For detailed instructions see Technical Bulletin [TB-2031](#) - Moisture Barrier Bags Application Instructions.

Specifications:

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

Electrical Properties
Surface Resistance
(both exterior and interior)
Discharge Shielding
Static Shielding
EMI Attenuation

Physical Properties
Film Thickness
Tensile Strength
Puncture Resistance
Seal Strength
MVTR
Silicone
Marking Adhesion

Chemical Properties
Corrosion

Typical Values

1 x 10⁴ to < 1 x 10¹¹ ohms
<10 nJ
20 volts
45 db

Typical Values

Nominal .0040" (.1016mm) ±10%
13000 PSI
>25 PSI (lbs)
>12 PSI
≤0.0003g/100sq.in/24hours
Not detected
Pass

Meets Requirements of:
ESD Protective Packaging
Level 1 Technical Requirements

Test Procedures/Method

ANSI/ESD STM11.11
ANSI/ESD STM11.31
EIA 541
ANSI/ESD S541

Test Procedures/Method

MIL-STD-3010, 1003
ASTM D882
MIL-STD-3010, 2065
ASTM D882
ASTM F1249
ASTM E168
IPC-TM-650 2.4.1

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

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 2, REACH and Conflict Minerals Statement

None of the RoHS 2 restricted materials, REACH substances of very high concern as of 2015/12/17, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See ProtektivePak's [Limited Warranty at ProtektivePak.com](#).

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
See Bag Selection Chart Click [HERE](#).



Made in the
United States of America

Specifications and procedures subject to change without notice.

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

PROTEKTIVE SHIELD™ ESD SHIELDING MOISTURE BARRIER BAG, 4 mil

PROTEKTIVE PAK

PROTEKTIVE PAK
13520 MONTE VISTA AVENUE, CHINO, CA 91710
PHONE (909) 627-2578
[ProtektivePak.com](#)

DRAWING NUMBER
48950

DATE:
July
2016