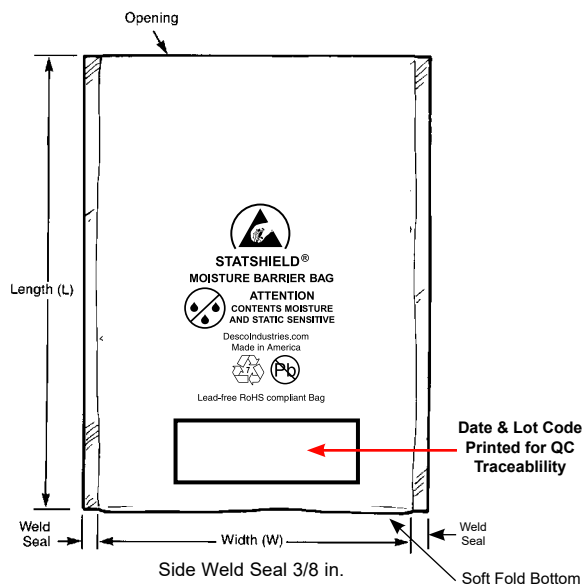
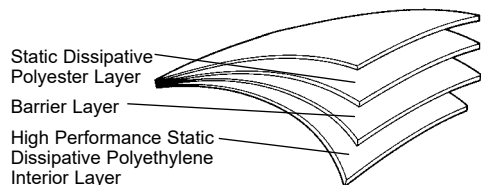




Protektive Shield™ ESD Shielding Moisture Barrier Bag



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



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.

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

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

Typical Values

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

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

Physical Properties

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

Typical Values

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

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

Chemical Properties

Corrosion

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, 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
with Globally Sourced
Materials

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:
September
2021