



STATSHIELD® HIGH PUNCTURE MOISTURE BARRIER BAG



Specifications:

Standard Document

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

Meets Requirements of:
ESD Protective Packaging
Level 2 except MVTR

Electrical Properties

Surface Resistance
(both exterior and interior)
Discharge Shielding
Static Shielding
Charge Generation
Teflon
Quartz

Typical Values

1×10^4 to $< 1 \times 10^{11}$ ohms
<10 nJ
20 volts
-0.09 nC/sq. in.
+0.10 nC/sq. in.

Test Procedures/Method
ANSI/ESD STM11.11
ANSI/ESD STM11.31
EIA 541

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Opening Offset
Puncture Strength
Heat Seal Strength
(Vetrod bar sealer)
Seal Strength
MVTR
Silicone
Non-corrosive
Marking Adhesion

Nominal 6.5mil (.17mm) $\pm 10\%$
Nominal -0" / + 1/4"
Nominal $\pm 1/8$ "
0" to 1/4"
>30 lbs
>11 (lb/in width)
>12 PSI
 $\le 0.014/g/100sq.in/24hours$
Not detected
Pass
Pass

MIL-STD-3010, 1003
MIL-STD-3010, 2065
ASTM D1876-93
ASTM D882
ASTM F1249
FTIR
MIL-STD-3010, M3005
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."

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.

RoHS, REACH and Conflict Minerals, Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:
[DescoIndustries.com/ROHS3.aspx](#)

See the Desco Limited Warranty:

[Desco.DescoIndustries.com/Limited-Warranty.aspx](#)

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

Specifications and procedures subject to change without notice.



Made in the
United States of America

STATSHIELD® HIGH PUNCTURE, MOISTURE BARRIER BAG, 6.5MIL (0.17mm)

DESCO	DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: Desco.com PHONE (909) 627-8178 DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407 PHONE (781) 821-8370	DRAWING NUMBER 13760	DATE: February 2020
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Mouser Electronics

Authorized Distributor

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