

STATSHIELD® METAL-IN SERIES



STATSHIELD®
Static Shielding Bag

Metal In Construction
Discharge Shielding

RoHS
2011/65/EU



ATTENTION:
Contents may be Static Sensitive
Handling Precautions Required

DescoIndustries.com
Made in America

Specifications:

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

Electrical Properties

Surface Resistance:
Outer Surface
Inner Surface
Discharge Shielding
Charge Generation
Capacitance Probe (to dissipate 1 KV)

Typical Values

1×10^4 to $< 1 \times 10^{11}$ ohms
 1×10^4 to $< 1 \times 10^{11}$ ohms
<20 nJ
Teflon: 0.09 nC/sq. in.
Quartz: 0.01 nC/sq. in.
<30 volts

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Heat Seal
Tensile Strength
Puncture Resistance
Non-corrosive
Silicone
Marking Adhesion

Nominal 3.0 mil (0.07mm) $\pm 10\%$
Nominal -0" / + 0.250"
Nominal ± 0.125 "; Offset 0 to 1/4"
>40% (Tobias)
>10 lbs/in
4600 PSI, 32 MPa
>10 lbs
Pass
Not detected
Pass

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 D882
MIL-STD-3010, 2065
MIL-STD-3010, M3005
FTIR
IPC-TM-650 2.4.1

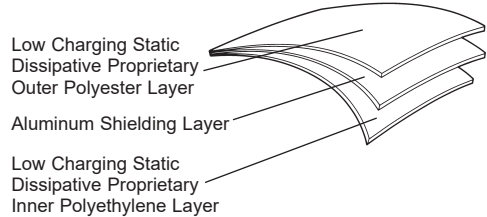
ANSI/ESD S541 Section 6.2 Outside an EPA

"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 [RoHS, REACH, and Conflict Minerals Statement](#) at Desco.com.

Limited Warranty
See Desco's [Limited Warranty](#) at Desco.com



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
Desco's bags are recyclable

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

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® BAG, SHIELDING, METAL-IN, 3.0 MIL (0.07mm)



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PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
PHONE (781) 821-8370

DRAWING NUMBER
13405

DATE:
June
2019

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Desco:

<u>13430</u>	<u>13445</u>	<u>13465</u>	<u>13470</u>	<u>13415</u>	<u>13460</u>	<u>13405</u>	<u>13505</u>	<u>13524</u>	<u>13500</u>	<u>13457</u>	<u>13410</u>	<u>13435</u>	<u>13531</u>	<u>13469</u>
<u>13511</u>	<u>13495</u>	<u>13509</u>	<u>13401</u>	<u>13467</u>	<u>13529</u>	<u>13446</u>	<u>13449</u>	<u>13494</u>	<u>13518</u>	<u>13490</u>	<u>13420</u>	<u>13450</u>	<u>13521</u>	<u>13516</u>
<u>13528</u>	<u>13444</u>	<u>13416</u>	<u>13471</u>	<u>13459</u>	<u>13402</u>	<u>13453</u>	<u>13425</u>	<u>13476</u>	<u>13527</u>	<u>13448</u>	<u>13403</u>	<u>13440</u>	<u>13533</u>	<u>13515</u>
<u>13428</u>	<u>13424</u>	<u>13526</u>	<u>13443</u>	<u>13517</u>	<u>13498</u>	<u>13480</u>	<u>13508</u>	<u>13458</u>	<u>13429</u>	<u>13530</u>	<u>13497</u>	<u>13506</u>	<u>13442</u>	<u>13456</u>
<u>13468</u>	<u>13454</u>	<u>13466</u>	<u>13464</u>	<u>13447</u>	<u>13475</u>	<u>13520</u>	<u>13485</u>	<u>13510</u>						