

Botron B13035 Technical Data Sheet



Overview:

Botron's antistatic shielding bags are metal-in and low tribocharging. Thus, ESD sensitive materials stored inside the bag will not generate a charge. The 3mil thick lining is puncture resistant and protects against corrosive materials. Comes with either zipper or flat applications.

Product Notes and Features

- Dissipative Outer Layer
- Puncture Resistant
- Metal-in
- Noncorrosive
- Semi Transparent
- ESD Logo

PROPERTIES

SPECIFICATIONS

Outer Surface:	<10E11 ohms
Aluminum Layer:	<10E2 ohms
Inner Surface:	<10E11 ohms
Static Shielding:	<25 nJ
Charge Generation:	Teflon: 0.09 nC/sq. in. Quartz: 0.01 nC/sq. in.
Capacitance Probe (to dissipate 1 KV):	<30 volts
Bag Thickness:	Nominal .0030" (.0762mm) ±10%
Width (Inside):	Nominal -0" / + .125"
Length (Inside):	Nominal ± .125"
Light Transmission:	>40%
Burst Strength:	>50 psi
Heat Seal:	>10 lbs/in
Seam Strength:	Pass
Tear Strength:	>25 lbs
Puncture Resistance:	>10 lbs
MVTR:	<0.40
OTR:	<6.1
Abrasion Resistance:	>100 cycles
Outgassing:	Pass
Non-corrosive:	Pass

Chemical Properties

Corrosion:

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

Polycarbonate compatible:

Contains no Amines, Amides, or N-Octanoic Acid.



PART NUMBERS

B12035 3"x5" Shield-It Zip Shielding Bags (10pk/100)
B12046 4"x6" Shield-It Zip Shielding Bags (10pk/100)
B12058 5"x8" Shield-It Zip Shielding Bags (10pk/100)
B12088 8"x8" Shield-It Zip Shielding Bags (10pk/100)
B12810 8"x10" Shield-It Zip Shielding Bags (10pk/100)
B12812 8"x12" Shield-It Zip Shielding Bags (10pk/100)
B121012 10"x12" Shield-It Zip Shielding Bags (10pk/100)
B121014 10"x14" Shield-It Zip Shielding Bags (10pk/100)
B121216 12"x16" Shield-It Zip Shielding Bags (10pk/100)
B121418 14"x18" Shield-It Zip Shielding Bags (10pk/100)
B121518 15"x18" Shield-It Zip Shielding Bags (10pk/100)
B121824 18"x24" Shield-It Zip Shielding Bags (10pk/100)

B13035 3"x5" Shield-It Flat Bags (10pk/100)
B13046 4"x6" Shield-It Flat Bags (10pk/100)
B13048 4"x8" Shield-It Flat Bags (10pk/100)
B13424 4"x24" Shield-It Flat Bags (10pk/100)
B13430 4"x30" Shield-It Flat Bags (10pk/100)
B13058 5"x8" Shield-It Flat Bags (10pk/100)
B13068 6"x8" Shield-It Flat Bags (10pk/100)
B13612 6"x12" Shield-It Flat Bags (10pk/100)
B13610 6"x10" Shield-It Flat Bags (10pk/100)
B13618 6"x18" Shield-It Flat Bags (10pk/100)
B13630 6"x30" Shield-It Flat Bags (10pk/100)
B13078 7"x8" Shield-It Flat Bags (10pk/100)
B13810 8"x10" Shield-It Flat Bags (10pk/100)
B13812 8"x12" Shield-It Flat Bags (10pk/100)

AVAILABLE APPLICATIONS

For use when protecting against corrosive materials and to store static sensitive components for protection against environmental conditions as they pass through production.

STANDARDS

Meets ANSI/ESD S20.20 and Mil-PRF-81705D

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Disclaimer. All statements of technical information are believed to be true and are based upon tests we believe to be reliable. The proper use and application for this product must be the responsibility of the user.

The statements herein shall have no force or effect.