Botron BF435 Technical Data Sheet



Overview:

Type S Vinyl Anti-Fatigue floor mats provide excellent electricals, and durability. It exceeds both EOS/ESD and department of defense requirements. Available in Gray and Brown runners, and pre cut floor mats with hardware.

| PROPERTIES SPECIFICATIONS |
|---------------------------|
|---------------------------|

Material: .375" Thick Vinyl/Foam

Construction

Dissipative Top Layer

Meets Standards: ANSI EOS/ESD S4.1 RTG

Fed Std 101 Method 4046

Electricals: Top layer <10¹⁰

RTT (Resistance Top to Top)

<10¹⁰ Ohms

RTG (Resistance to Ground)

<10¹⁰ Ohms

Charge Decay Time 5000 volts

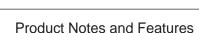
to 50v < 0.01 Seconds

Colors: Brown, Gray

AVAILABLE APPLICATIONS

60' Runners

Standard 3 x 5 Floor Mats with Beveled Edge



- Anti-Fatigue Design
- Beveled Edge
- Non-skid Backing
- Pebble Embossed Surface Texture
- Lead-Free RoHS Compliant



INSTALLATION

- 1. Unroll mat.
- 2. Attach 10' common point ground B9702 to 3/8" snap on mat.
- 3. Connect opposite end of wire to ground.
- 4. Check with your facility people for building ground.

TESTING GUIDELINES

Botron recommends testing ESD mats with the following test equipment: B8582, B8572, B8563, B8560, BSRM6, BSRM10.

Using two 5lbs. weights, placing them approximately 18" apart, conduct the test according to the test equipment which you are using.

Conduct this test to achieve a reading for RTG (resistance to ground) and RTT (resistance top to top) respectively.

When using the BSRM6 and BSRM10, simply place on top of surface of mat and hold down test button to achieve a surface resistance reading.

*Please note, it is recommended to read the testing guidelines provided with the ESD Tester you are using.

PART NUMBERS

BF435 3' x 5' Gray anti-fatigue mat w/snap and ground BF335 3' x 5' Brown anti-fatigue mat w/snap and ground BF436 3' x 60' Gray anti-fatigue runner BF336 3' x 60' Brown anti-fatigue runner

GROUNDING

All pre-cut mats come with attached snap and one B9701 floor mat ground. B9701 when properly setup will provide a grounded area for use with heel and toe grounds. For grounding rolls please see hardware (each mat will need a snap and ground to be effective).