

Botron BV435 Technical Data Sheet



Overview:

V-Groove non-slip floor mats provide excellent electricals, and durability. It exceeds both EOS/ESD and Department of Defense requirements. Available in Gray runners, and pre cut floor mats with hardware.

Product Notes and Features

- Non-slip design
- Easy To Clean
- Non-Skid Backing
- V-Groove Surface Texture
- Lead-Free RoHS Compliant

PROPERTIES

SPECIFICATIONS

Material:	.125" Thick Vinyl/Foam Construction Dissipative Top Layer
Meets Standards:	ANSI EOS/ESD S4.1 RTG Fed Std 101 Method 4046
Electricals:	Top layer $<10^{10}$ RTT (Resistance Top to Top) $<10^{10}$ Ohms RTG (Resistance to Ground) $<10^{10}$ Ohms Charge Decay Time 5000 volts to 50v <0.01 Seconds
Colors:	Gray



AVAILABLE APPLICATIONS

60' Runners
Standard 3 x 5 Floor Mats with Beveled Edge

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

BV435 3'x5' gray v-groove mat with ground
BV4360 3'x60 gray v-groove runner
BV4460 4'x60 gray v-groove 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).