Botron B4723 Technical Data Sheet

B BOTRON

Overview:
Botron's Conductive CRC anti-fatigue floor mats and runners are designed to add comfort to hard surfaces. They feature a slip and soil resistant top and an anti-fatigue bottom that will reduce standing fatigue in the work environment. They exceed both EOS/ESD and Department of Defense requirements. Available in runners and pre-cut floor mats with beveled edges and grounding hardware.

Product Notes and Features

• Reduces Strain

• Easy To Clean

• Molded Edge

• Non-Skid Backing

• Domed Surface for Added Comfort

PROPERTIES	SPECIFICATIONS
Material:	Molded Domed Vinyl Foam Backing
Meets Standards:	ANSI EOS/ESD S4.1 RTG Fed Std 101 Method 4046
Electricals:	RTT (Resistance Top to Top) 10^5 - 10^6 Ohms Resistance to Ground 10^5 - $<10^6$ Ohms
Charge Decay:	<0.01 sec
Thickness:	5/8" (HD) & 1" (SD)
Testing:	100 Volts@50% Relative Humidity
Color:	Black

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.

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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

B4723HD 2' x 3' mat & hardware
B4735HD 3' x 5' mat & hardware
B47325HD 3' x 25' runner
B47375HD 3' x 75' runner

B4723HD 2' x 3' mat & hardware
B4735HD 3' x 5' mat & hardware
B47325HD 3' x 25' runner
B47375HD 3' x 75' 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).

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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.