

# Botron B5723 Technical Data Sheet

## Overview:

Type CSA smooth top vinyl mats and runners designed to reduce strain from standing on hard surfaces. These soil resistant mats are 1/8" thick, available with or without 1/2" or 7/8" foam anti-fatigue backing. They exceed both EOS/ESD and Department of Defense requirements. Available in Black runners, and pre-cut floor mats with molded edges and grounding hardware.

## PROPERTIES

## SPECIFICATIONS

### Material:

1/8" thick vinyl construction  
Available w/ Heavy Duty 1/2" or  
Super Duty 7/8" Thick Cushion  
Foam Backing

### Meets Standards:

Dissipative Top Layer  
ANSI EOS/ESD S4.1 RTG  
Fed Std 101 Method 4046

### Electricals:

Top layer <10<sup>6</sup>  
RTT (Resistance Top to Top)  
10<sup>5</sup> - 10<sup>6</sup> Ohms  
RTG (Resistance to Ground)  
10<sup>5</sup> - <10<sup>6</sup> Ohms  
Charge Decay Time 5000 volts  
to 50v <0.01 Seconds  
Black

### Colors:

Black

## AVAILABLE APPLICATIONS

Standard 2' x 3' and 3 x 5 floor mats with ground  
Standard 25', 50' and 75' vinyl runners  
Heavy duty anti fatigue 1/2" thick 25', 50' and 75' runners  
Heavy duty anti fatigue 1/2" thick 2' x 3' and 3 x 5 Floor  
Mats with ground  
Super duty anti fatigue 7/8" thick 25', 50' and 75' runners  
Super duty anti fatigue 7/8" thick Anti-Fatigue 2' x 3' and  
3 x 5 Floor Mats with ground

## Product Notes and Features

- Energy Absorbing
- Reduces Strain
- Easy To Clean
- Long Lasting
- Non-Skid Backing
- Smooth Top Surface
- Lead-Free RoHS Compliant



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## 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

### Solid Vinyl:

B4323 2' x 3' 1/8" solid vinyl Smooth top mat with ground  
B4335 2' x 5' 1/8" solid vinyl Smooth top mat with ground  
B43325 3' x 25' 1/8" solid vinyl Smooth top mat runner  
B43375 3' x 75' 1/8" solid vinyl Smooth top mat runner  
B43475 4' x 75' 1/8" solid vinyl Smooth top mat runner

### 1/2" Heavy Duty (HD) Anti Fatigue:

B5723HD 2'x3' Smooth top anti fatigue mat with ground  
B5735HD 3'x5' Smooth top anti fatigue mat with ground  
B57325HD 3'x25' Smooth top anti fatigue runner  
B57375HD 3'x75' Smooth top anti fatigue runner  
B57475HD 4'x75' Smooth top anti fatigue runner

### 7/8" Super Duty (SD) Anti Fatigue:

B5723SD 2'x3' Smooth top anti fatigue mat with ground  
B5735SD 3'x5' Smooth top anti fatigue mat with ground  
B57325SD 3'x25' Smooth top anti fatigue runner  
B57375SD 3'x75' Smooth top anti fatigue runner  
B57475SD 4'x75' Smooth top 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 a 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.