

Botron B5518 Technical Data Sheet



Overview:

Technical Operator Pad is a soft vinyl blue foam material. It's 1/4" thickness provides excellent cushioning and a static safe work space.

PROPERTIES

SPECIFICATIONS

Material:	.125" Thick Vinyl Construction Dissipative Top Layer
Meets Standards:	ANSI EOS/ESD S4.1 RTG EIA-625 ESD standards
Electricals:	Top layer $<10^{10}$ RTT (Resistance Top to Top) 3.4×10^9 Ohms RTG (Resistance to Ground) 4.5×10^9 Ohms Charge Decay Time 5000 volts to 50v <0.01 Seconds
Colors:	Blue

AVAILABLE APPLICATIONS

It can be used on benches, carts, inside trays or shelves. The "TOP" pad offers comfort and protects parts susceptible to physical shock and damage. It can be cut with a razor knife or even die cut. It is best used over hard laminate surfaces.

Product Notes and Features

- 1/4" Thick
- No Grounding Needed If Laid On Static Dissipative Hard Surface
- Non-skid Backing
- Smooth Finish
- Easy To Cut
- No Hardware Needed
- Can Be Die Cut
- Lead-free RoHS compliant



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

B5518 18" x 23" Technical operator pad with rounded corners
B55240 2' x 40' Technical operator pad roll

GROUNDING

No grounding needed when used over a hard dissipative surface.