Static Solutions Inc.

Roll Dimentions & Colors

Length: 40'
Width: 24", 30", 36" & 48"

UltiMat 1 - .08" thickness
Colors: Dark Blue, Light Blue,
Dark Grey, Light Grey, Green, Black

Cleanroom White - .08" thickness

UltiMat 2 - .06" thickness
Colors: Dark Blue, Light Blue,
Light Grey

Precut mats available in standard and custom sizes manufactured in the USA.

Properties

RTT Resistance between two points
73^0F with 50% RH
7.74 X 10^7 ohms

73^0F with 12% RH
6.32 X 10^8 ohms

RTG Resistance between point to ground
73^0F with 50% RH
5.96 X 10^7 ohms

73^0F with 12% RH
1.19 X 10^9 ohms

Abrasion Resistance:
Taber abrasion test
H-18 wheel (1000 cycles)
500 gram load.
Under .5 grams loss

Hardness:
85+/- 5 Shore A per ASTM D-2240

Rev: April 2021

UltiMat Anti-Static Mat Material

- **Embossed surface reduces glare while reducing slippage of items on mat.**

- **Top layer is dissipative with a conductive bottom layer.**

- **Surface is designed for high temperature use such as soldering and with many chemicals.**

- **Lays out flat – No curling.**

- **Low VOC.**

- **UV additives for color stability.**

The Static Solutions UltiMat line of anti-static ESD mat is a static dissipative material available in rolls or as precut mats for use on your workbench, table, cart, tray liners and more.

The formula was developed by Lenard Cohen, founder of Static Solutions.

Len's background in plastics combined with his understanding of the ESD needs brought together what we believe is the best material available.

UltiMat is a chemically crosslinked material with different electrical resistances on both surfaces. Because it is inherently crosslinked the material will not delaminate and is volume conductive. The layers are permanently dissipative with 'space age dissipative polymers' which will not lose its electrical properties, exudate, and more important will not outgas and contaminate in clean room environments.

The material is as durable as rigid laminates and as comfortable and appealing as a soft rubber table mat.