



Staticide® Dualmat®

Static Dissipative Work Surface Material

ACL's Dualmat® is a static dissipative industrial-grade elastomer designed for use on tables and other grounded workbench surfaces. Developed to conform to the most stringent ESD and lead-free requirements, the electrical properties of the Dualmat® are volume dissipative. Constructed of a chemically cross-linked material with different electrical resistances on each side, Dualmat® will not delaminate. The material is as durable as rigid laminate and as comfortable and appealing as softer rubber or vinyl. Designed to withstand solvents and solder, the mat will not curl and has excellent abrasion resistance.

Comprised of polymers that will not lose electrical properties or outgas, the mat is ideal for cleanroom environments and suitable to use with constant monitor systems. Meeting both ANSI/ESD S20.20 and European IEC 61340-5-1 specifications, Dualmat® has outstanding charge dissipation, rapid charge decay, no charge suppression, and low tribogeneration properties. The embossed surface also helps to reduce glare, prevent part slippage, and facilitate cleaning.

Dualmat® is available in rolls, pre-cut, and custom-sized mats. Rolls are 40' in widths of 24", 30", and 36". Royal blue and dark gray rolls, pre-cut, and custom-sized mats are available in two thicknesses — .06" and .08".

Dimensions and Colors:

Roll Sizes : 40' in widths of 24", 30", 36"
Mat Sizes : Pre-cut mat sizes come equipped with two, 10mm female snap sockets installed.

Dualmat®-08: .08" (2mm) thickness

Light Blue

Roll: #8085BR

Mat: #8085BM

Green

Roll: #8185GR

Mat: #8185GM

Royal Blue

Roll: #8285RBR

Mat: #8285RBM

Dark Gray

Roll: #8385DGYR

Mat: #8385DGYM

Dualmat®-06: .06" (1.5mm) thickness

Royal Blue

Roll: #7275RBR

Mat: #7275RBM

Dark Gray

Roll: #7375DGYR

Mat: #7375DGYM

Maintenance:

To clean mats and avoid insulative electrical readings, use a neutral cleaner such as ACL's 6001 Mat & Table Top Cleaner. The low alcohol, high surfactant formula provides deep cleaning without damaging the structural integrity of the Dualmat® material.

FEATURES

- ✳ Embossed finish; reduces glare and slippage
- ✳ Two-layer; conductive bottom, dissipative top
- ✳ Thickness: .06" (1.5mm) and .08" (2mm); no curling
- ✳ Withstand high temperatures, solder, flux, and harsh chemicals
- ✳ 10e6 – 10e8 ohms RTT, RTG, Vol R on colored layer (top)
- ✳ Less than 5 x 10e5 ohms RTT on black layer (bottom)
- ✳ No outgassing; low tribogeneration
- ✳ UV additives for color stability
- ✳ RoHS3, REACH complaint
- ✳ Precut mats are made in USA