

## **DURA-STAT® 3985**

Static-Dissipative, Buried Conductive Layer,  
Matting for Worksurface and Floor

**DURA-STAT® 3985** is a high-performance soft static-dissipative matting for use as a worksurface and floor mat or runner. This product style features a unique multi-layer construction. **Top Surface** – a proprietary vinyl blend, engineered to be semi-conductive, non-tacky, color stable, durable and dirt/stain resistant. **Fabric Sub-layer** – provides dimensional stability, along with superior physical strength. **Buried Conductive Layer** – the primary path to ground within the mat structure, but engineered to be easily accessible only through the ground snap fastener to minimize shock hazards and alternative, unintended ground paths. **Vinyl Foam Back** – provides a resilient, non-skid back. Additionally, the foam is engineered to provide soft feel to the mat structure while being highly durable with superior lay-flat properties. The total structure is designed to have superior physical strength, while being light weight for ease in handling and to reduce shipping costs.

**DURA-STAT® 3985** is engineered to meet the requirements of MIL W-87893, WORKSTATION, ELECTROSTATIC DISCHARGE (ESD) CONTROL, type II worksurface, cushioned. The unique construction provides the same resistance-to-ground measurement from any point on the material.

Standard Colors:	4467 Blue, 5218 Chocolate Brown, Custom colors available
Standard Roll Size:	48" x 50'; 24" x 50'. Custom sizes available
Thickness (minimum) ASTM D1055:	0.075inches (minimum)
Weight:	.37 lbs/ft <sup>2</sup>

### **TYPICAL PROPERTIES – ELECTRICAL**

Resistance  $R_{TT}$  Surface, Top-to Top (EOS/ESD S4)

@ 10 volts, 12% RH ( $R_{TT}$ )	$10^7$ - $10^8$ ohms
@ 100 volts, 50% RH ( $R_{TT}$ )	$10^6$ - $10^7$ ohms

Resistance  $R_{TG}$  Surface Top-to-Groundable Point (EOS/ESD S4)

@ 10 volts, 12% RH ( $R_{TG}$ )	$10^7$ - $10^8$ ohms
@ 100 volts, 50% RH ( $R_{TG}$ )	$10^6$ – $10^7$ ohms

Resistance – Volume (ASTM D257)  $<10^{10}$  ohm-cm

**NOTE:** The information provided is the best currently available and has been obtained by prevailing test methods. It is true and accurate to the best of our knowledge at this time. The information is provided as guidelines, should not be considered as specifications and is subject to revision as additional knowledge and experience on this product are gained. It is the responsibility of the end user to determine the suitability of our products for their particular application.

