

STATIC DISSIPATIVE/CONDUCTIVE

STYLES 4798 (GREEN/BLACK)

DURA-STAT 4798 are high-performance, flexible, vinyl covered fabrics for use as: Equipment Covers, Drapery: and other applications requiring a sewn fabrication. Electrically, these two product styles feature a static dissipative colored front and a black conductive back. The unique multi-layer construction is engineered to be stitchable, dimensionally stable, flame resistant, non-tacky, color stable, durable, mildew and dirt/stain resistant.

COLOR **4798** is light forest green front, black back.

ELECTRICAL **4798** has a surface resistance on the green side of $10^9 - 10^{10}$ ohms.

TYPICAL PROPERTIES – ELECTRICAL

Resistance-Surface, Top-Top (EOS/ESD S4) @ 10 volts, 12% RH (R_{TT})	green side $10^9 - 10^{10}$ ohms black side $10^3 - 10^4$ ohms
@ 100 volts, 50% RH (R_{TT})	green side $10^9 - 10^{10}$ ohms black side $10^3 - 10^4$ ohms

TYPICAL PROPERTIES – PHYSICAL

Resistance to Fungi (ASTM G-21-90)	No Growth
Weight	13 oz. / sq. yd.
Tensile (Fed. Test Std. 191b, Method 5102)	140 –150 lbs
Flame Resistance – Vertical Burn Test (Fed. Test Std. 191b, Method 5903)	
After Flame	2.0 seconds
Char Length	.03 inches
Flame Resistance – Horizontal Burn Test (Motor Vehicle Safety Standard 302)	Pass
Hydrostatic Burst Test – Mullen (Fed. Test Std. 191, Method 5512)	190 psi

All **DURA-STAT™** products should be cleaned with soap and water, or isopropyl alcohol, or an approved ESD vinyl cleaner. Common kitchen household cleaners and some commercially available cleaners should be avoided if they contain silicon. The silicon can build-up on the surface and cause electrical resistance to increase.