



Preferred Product & Marketing Group, LLC

415 Howe Avenue, Suite 103

Shelton, CT 06484

P. 203-567-0221

F. 203-567-0232

sales@ppmgllc.com



Centurian® ESD Protective Packaging (Rev. 906)

ESD (electrostatic discharge) is the leading cause of failure in the electronics industry, accounting for 25% of system failures. Centurian® ESD-Protective products are designed and manufactured with corrugated fiberboard, chipboard, thermoformed plastic, solid fibre, corrugated plastic and other ESD controlled packaging materials. Eight different Centurian® protective coatings are available to suit a range of applications:

Coating Name	Type	Application
Centurian I	Conductive (10^4 Ohms)	Electrostatic Shielding
Centurian II	Static Dissipative ($10^6 - 10^9$ Ohms)	Minimize Charged Device Model (CDM) Failures
Centurian III	Combination Static Dissipative (outer/exposed) and Conductive (inner/non-exposed)	Minimize Charged Device Model (CDM) Failures when ESD Shielding is Required
Centurian GX2	Static Dissipative Graphite Gray ($10^6 - 10^9$ Ohms), Additional colors available	Minimize Charged Device Model (CDM) Failures.
Centurian Plus	Static Dissipative/Flame Retardant Meets Bellcore GR-1421, PPP-F-00320E Mil Specs and ASTM E-162	Minimize Charged Device Model (CDM) Failures and Provides Flame Retardant
Centurian Fire Shield	Flame Retardant	Raises Combustion Temperature, Reduces Rate of Flame Spread & Heat Release
Centurian with Intercept™	Static Dissipative and Corrosion Preventative	Minimize Charged Device Model (CDM) Failures and Provide Corrosion Protection
Centurian with Bradford Strata-Shield ENV®	Silver/Gray Permanently Static Dissipative Film. Contains a buried metal shielding layer (Surface Resistance 10^9 Ohms, EOS/ESD-S11.11-193, Shielding Layer Resistance 2-3 Ohms, NFP99 Res.)	Non Humidity Dependent and Non-Contaminating through Outgassing or Direct Contact. Amine Free

Call for Info on Sizes and Pricing

Available Packaging Products

**E and B Flute Mailers * Shelf Bins * Totes * Partitions * Reel Storage Totes
* Trays * Lemcen™ Containers * Clamshells**

