



CORSTAT

PN: CORSTAT

DESCRIPTION: Conductive Corrugated**APPLICATION:** Long-Term Use

MATERIAL INFO

Corstat is CCI's proprietary conductive corrugated. It is an economical and highly effective static shielding material when formed into an enclosed box. It is very low sulfur and can be grounded at an ESD safe workstation so this is an excellent way to eliminate plain corrugated from an ESDA.

CHARACTERISTICS

- $<10^5$ buried layer for shielding
- 10^4 - 10^5 surface layer prevent sloughing
- Can be die cut, scored and printed
- Low sulfur

APPLICATIONS

- ESD safe PCB partitioned totes
- Static safe bins and trays
- Shelf liners
- Component shippers



SPECIFICATIONS

PROPERTY	VALUE (U.S.)	TEST METHOD
Color	Black	Visual
Surface Resistance		
Burried Shielding-layer Ohms	10^2 - 10^3 Ohms/sq	ANSI/ESD STM11.11-2022
Outer Dissipative-layer Ohms	10^4 - 10^5 Ohms/sq	ANSI/ESD STM11.11-2022
Electrostatic Decay Rate	Avg. 0.01 sec	EIA-541
ESD Shielding	Avg. 16.49nJ	Capacitive Probe Test
Reducible Sulphur	.00035%	TAPPI-406

All values are for pre-formed materials. Electrical values will vary with each individual design.

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