



Conductive Plastic Sheets

Hi-Core[®] Conductive Grade twinwall sheets, are a quality ESD product with carbon-based conductivity which is melt-encapsulated throughout the sheet. This product is designed for conversion into containers to hold products requiring electrostatic shielding.

Common uses include: component boxes and totes, IC chip carriers, briefcases and many other custom containers.

- **Excellent Conductivity**
- **Not Humidity Dependent**
- **Good Rigidity**
- **High Impact Resistance**
- **Excellent Surface Finish**
- **Can Be Printed**



MATRA PLAST
www.MatraPlast.com



800-661-7662

HI-CORE®

Technical Specifications

Board: Type I Profile Extrusion – Polypropylene, High-Impact Copolymer.
Hi-Core® exceeds the requirements of A-A-58078
(formerly MIL-P-83668 (USAF)).

Color: Black

Shelf Life: Permanent Conductivity. These sheets meet or exceed
the static decay rate specifications of MIL-81705C and NFPA 56A.

Basis Weights: 3mm – 130#/MSF, 4mm – 160#/MSF
Tensile Strength at Yield, psi ASTM D 638 4,000
Flexural Modulus, psi ASTM D 790 2.0×10^5
Notched Izod Impact, ft-lb./in ASTM D 256 5.0
Gardner Impact (1/8"), in-lb ASTM D 1709 200

Surface Resistivity: 4×10^3 OHMS

Static Decay: 0.03 sec.

Available
From:



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