Safeguarding Your Best Performance.

As engineers create increasingly sophisticated electronics and designs, they are steadily challenged with the issues of magnetic interference. Today, sensitive circuitry, more compact configurations, optimum performance, and competitive marketplaces demand effective and reliable magnetic shielding.

They demand MuShield®

With extensive experience in aerospace, nuclear, and electronics industries, we produce high-quality magnetic shields that are both affordable and effective. We work in partnership with our customers and design engineers worldwide to create reliable custom solutions that meet the tightest shielding specifications.

Today, you’ll find MuShield shielding solutions in a wide range of demanding applications, including: cathode ray tubes and yokes, power supplies, computers, disk drives, printed circuits, PC terminals photomultiplier tubes, storage tubes, electro-optical devices, camera housings, PET and CAT scan machines, nuclear magnetic resonance imaging, electron microscopes, x-ray spectrographs, wide area shielding in laboratories, and much more sensitive applications. You’ll find MuShield products in NASA satellites orbiting the earth and in cars circling the parking lot.

The end result is that your customers can rely on your products to perform their best. Whether it’s for a fighter pilot flying at Mach III, a physician monitoring an MRI machine, or a grandmother videotaping her grandson’s birthday party, MuShield products provide magnetic shielding that works. Period.

It’s that commitment to quality and expertise that has earned us ISO 9001:2000 quality certification—the global hallmark of meeting customer and regulatory quality standards.
We’re a Small Company. But We Tackle Big Problems.

When NASA contracted scientists at the Smithsonian Astrophysical Observatory to design and build atomic clocks for space exploration, MuShield was brought on board to provide some carefully constructed shields that were essential to the mission’s success.

Working with such partners is not only a gratifying challenge, it’s an honor. We approach every opportunity to help our customers do something truly extraordinary with their designs. We’ve mastered the science of magnetic shielding. From prototypes to large production runs, MuShield provides unsurpassed quality and service to get the job done right.

Typical sources of interference include permanent magnets, transformers, motors, solenoids, cables, and the Earth’s magnetic field. No one can eliminate magnetic fields. But no one in the industry knows better how to divert, contain, and mitigate their effects. MuShield products both absorb and divert magnetic flux by providing a path around sensitive areas. We work closely with our customers in the initial stage of shield design from the concept stage through product launch.

Because turnaround and affordability are critical in today’s marketplace, we invest in the best engineering expertise, as well as the latest machinery, to meet the most demanding specs and customize metal into nearly any configuration.

Whether it’s assuring safety and performance or giving you the kind of competitive advantage you need, we can help with:

Expert consulting services
Our engineers and designers work in conjunction with you and your colleagues to provide feasible, efficient, and cost-effective shielding solutions. As a result, we’ll help you create products and reduce your design and time-to-market cycles.

Customized design
Our design engineers have extensive experience in magnetic shielding. Whether you need a working prototype or a new concept, we work with you to build, test, and ship the solution you seek.

Cost-effective manufacturing
Our manufacturing capabilities feature the finest precision sheet metal fabricating equipment. Along with the traditional machining capabilities, our talented machine operators can customize shields for any application. We are fully equipped for big and small production runs, so we can be your "one stop" magnetic shielding supplier.

Heat treating
Creating a viable shield to demanding specifications requires extensive testing and quality assurance. To ensure maximum shielding effectiveness, permeability, and integrity, we heat treat parts and material onsite saving you time and effort.

Materials
If you plan to manufacture your own shields, we can supply you with the sheets and coils you need. All stock comes suitable for drawing, punching, spinning and welding.

What kind of solution do you need? With proven success, the latest technology, the keenest minds, and the most extensive experience in controlling magnetic interference, working with MuShield will produce the results you demand. We’ll help you determine the material, design, and manufacturing technique that works best for you.

To ask our expert engineers a question—or to request a Design Guide or Sample Kits—call 888-669-3539. Or visit us online at www.MuShield.com.