

Magnetic Shielding

MuShield

Welcome to Magnetic Shielding by MuShield™

This site was developed to explain exactly what magnetic shielding is, what is permeability and how MuShield designs, creates and engineers custom magnetic shielding.

Why do you need Magnetic Shielding?

Electromagnetic Interference (or emi) is all around us. Between electronic devices commonly used in our daily lives and including the earth itself, emi is all around. Sensitive devices requiring zero magnetic or electromagnetic interference require a protective shield. For example, when the Smithsonian Astrophysical Observatory wanted to test Einstein's Theory of Relativity, they used MuShield Magnetic Shielding products to shield and protect their atomic clock. In addition, high technology companies using Superconducting Quantum Interference Devices (SQUIDS) technology to eliminate all interference from the Earth's Magnetic Field, MuShield Magnetic Shielding was used.

Magnetic Shielding Properties

To learn more about MuShield's magnetic shielding materials, please visit Magnetic Shielding Properties page, or the MuMetal™ web site page with all the technical details.

Magnetic Shielding Services

MuShield Magnetic Shielding offers many services relating to the protection, design and construction of magnetic shielding most often custom designed around your tight tolerances and applications. To learn more about Magnetic Shielding Services, please visit this page or visit the corporate web site of the MuShield Corporation.

FAQ's About Magnetic Shielding

Please visit Magnetic Shielding FAQ page for a few of the top most common questions about types, materials used, services and other options to consider, like lower cost materials or common problem solutions.

For a more complete list of frequently asked questions, please visit MuShield's FAQ page.

Magnetic Shielding Documentation

MuShield Company can provide a wealth of white papers (all in downloadable PDF format) that may answer many more questions about materials, services, capability and solutions for your stringent needs. Please review this page for downloadable magnetic shielding documentation links.

Contacting MuShield

Every page of this web site has our full contact information in the footer section and is always readily available when you need to call, email or FAX us. Please visit the Contact page for additional links and a link for a few forms that address specific needs.

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