



GROUNDING AND ELECTROMAGNETIC INTERFERENCE

Steel Conduit. Your EMI Defense Shield.

Steel Conduit reduces electromagnetic fields by up to 95%, effectively shielding computers and sensitive electronic equipment from the electromagnetic interference (EMI) caused by power distribution systems.

Steel conduit is also an excellent equipment grounding conductor and complies with the requirements of NEC 250.

Two research studies conducted by Georgia Tech prove it. These research studies, and the analysis software that was developed from the studies, are available, free, to qualified users.

The software will help you with issues involving:

- EMI in your electrical distribution systems
- selection of the most effective conduit for reducing EMI in your system
- the design of distribution feeder and branch circuits for safety and economics
- equipment grounding
- the analysis of existing circuits



For copies of the research reports, our new installation guide and a free copy of the GEMI CD, visit our website at www.steelconduit.org.

You can also fax or e-mail your request to The Steel Tube Institute. Fax: (305) 443.1603. E-mail: STINA@steeltubeinstitute.org. Be sure to include your name, company name and address.



Steel Conduit. Get wired for the future.



In addition to EMI shielding and proven equipment grounding characteristics, steel conduit provides your best long-term system protection, gives you life-cycle cost advantages and is completely recyclable. Here are some of the advantages of steel conduit:

- Low life-cycle costs
- EMI shielding
- Physical protection of conductors
- Proven grounding capabilities
- Chemically compatible with concrete
- Coefficient of expansion compatible with common building materials
- Non-combustible
- Recyclable
- Impact resistant high tensile strength
- Adaptable to future wiring changes

Allied Tube & Conduit

16100 S. Lathrop Avenue
Harvey, IL 60426
Telephone: (708) 339-1610
Fax: (708) 339-9827

Picoma Industries

330 East Ninth Street
Waynesboro, PA 17268
Telephone: (800) 742-6621
Fax: (717) 762-0948

Republic Conduit Maverick Tube Corp.

1315 Albert Street
Youngstown, OH 44501
Telephone: (800) 325-1777
Fax: (636) 733-1677

Western Tube & Conduit Co.

P.O. Box 2720
Long Beach, CA 90801-2720
Telephone: (310) 537-6300
Fax: (310) 604-9785

Wheatland Tube Company

P.O. Box 600
Collingswood, NJ 08108-0600
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Visit our conduit website at:

www.steelconduit.org



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