



# KNOCK KNOCK

What's there? Sharp nails, drill bits, screws, powerful nail guns, heavy equipment. Not to mention masonry workers, drywallers, HVAC installers and other tradesmen.

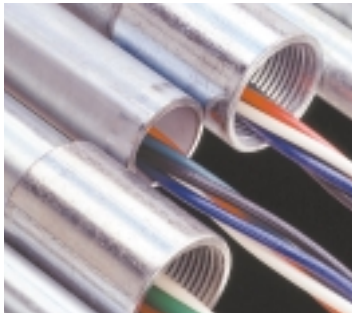
What can you do to protect your vulnerable electrical conductors from physical damage? Specify *steel* conduit.

*Steel* conduit is tough. It provides the best physical protection you can get. But protecting against physical damage is only one of the many benefits it provides.

Here are some of the others:

- Competitive life-cycle costs
- EMI shielding

- Proven equipment grounding conductor
- Chemically compatible with concrete
- Coefficient of expansion compatible with common building materials
- Non-combustible
- Recyclable
- High-tensile strength
- Adaptable to future wiring changes



Toughen up. Specify RMC, IMC or EMT *steel* conduit.

For more information, write:

The Steel Tube Institute, 2000 Ponce de Leon Suite 600, Coral Gables, FL 33134.

E-mail: [STINA@steeltubeinstitute.org](mailto:STINA@steeltubeinstitute.org)

Visit our conduit website at:

[www.steelconduit.org](http://www.steelconduit.org)



**Another Good Reason to Specify *Steel* Conduit**



# PRESTO CHANGE-O

Today, the need to replace or upgrade power, data and communications circuits can happen overnight. Requirements for more sophisticated electronic equipment, increased power requirements or new applications can cause owners and tenants to demand changes in the wiring of their plants, retail complexes or buildings.

*Steel* conduit is adaptable. It makes it easier to pull old wiring and install new systems. *Steel* conduit provides the quickest and most efficient changeover or upgrading of electrical conductors. But adaptability is only one of the many benefits steel conduit provides. Here are some of the others:

- Physical protection of conductors



- Competitive life-cycle costs
- EMI shielding
- Proven equipment grounding conductor
- Chemically compatible with concrete
  - Coefficient of expansion compatible with common building materials
  - Non-combustible
  - Recyclable
  - High-tensile strength

Be adaptable. Specify RMC, IMC or EMT *steel* conduit.

For more information, write:  
The Steel Tube Institute, 2000 Ponce de Leon  
Suite 600, Coral Gables, FL 33134.  
E-mail: [STINA@steeltubeinstitute.org](mailto:STINA@steeltubeinstitute.org)  
Visit our conduit website at:

[www.steelconduit.org](http://www.steelconduit.org)



**Another Good Reason to Specify *Steel* Conduit**



# YOU'RE GROUNDED

*Steel* conduit and tubing are recognized by the National Electrical Code® as equipment grounding conductors. So there's no need for supplemental grounding conductors. And we have the research to prove it.

Our GEMI analysis software program, based on research by Georgia Tech, helps you calculate the length of the conduit run for proper grounding and shows why supplemental grounding conductors are unnecessary.

It's available at [www.steelconduit.org](http://www.steelconduit.org).

Proven equipment grounding is only one of the benefits steel conduit provides.

Others include:

- Physical protection of conductors

- EMI Shielding
- Non-combustibility
- Coefficient of expansion compatible with common building materials
- Chemical compatibility with concrete
- Recyclability
- High tensile strength
- Competitive life-cycle costs
- Adaptable to future wiring changes



Specify the best. Specify RMC, IMC or EMT *steel* conduit.

For more information, write:

The Steel Tube Institute, 2000 Ponce de Leon Suite 600, Coral Gables, FL 33134.

E-mail: [STINA@steeltubeinstitute.org](mailto:STINA@steeltubeinstitute.org)

Visit our conduit website at:

[www.steelconduit.org](http://www.steelconduit.org)



**Another Good Reason to Specify *Steel* Conduit**



# FIRE INSURANCE

When non-metallic conduit is exposed to fire or elevated temperatures it can burn or decompose, generating smoke, heat and toxic gases, and opening up a pathway for the fire to spread throughout the building. *Steel* conduit helps inhibit the spread of fire because it's non-combustible. That's why it's permitted in *all* environmental air spaces. Plus *steel* conduit is easier and less costly to seal when it penetrates floors, walls and ceilings.



The fact that *steel* conduit is non-combustible is only one of the many benefits it provides.

Others include:

- Proven equipment grounding conductor
- EMI Shielding
- Physical protection of conductors

- Coefficient of expansion compatible with common building materials
- Chemical compatibility with concrete
- Recyclable
- High tensile strength
- Competitive life-cycle costs
- Adaptable to future wiring changes

Want to add some extra insurance? Specify RMC, IMC or EMT *steel* conduit.

For more information, write:

The Steel Tube Institute, 2000 Ponce de Leon Suite 600, Coral Gables, FL 33134.

E-mail: [STINA@steeltubeinstitute.org](mailto:STINA@steeltubeinstitute.org)

Visit our conduit website at:

[www.steelconduit.org](http://www.steelconduit.org)



**Another Good Reason to Specify *Steel* Conduit**



# POWER QUALITY

*Steel* conduit can provide shielding for computers and sensitive electronic equipment from the electromagnetic interference (EMI) caused by nearby power distribution systems.

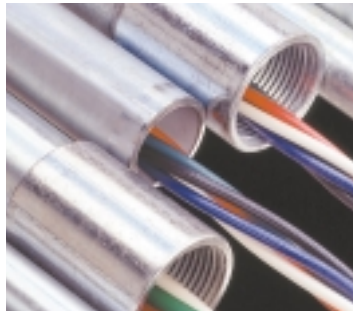
EMI can cause distortion on monitors; the alteration, destruction or loss of valuable digital data; and the disruption of communications.

Research by Georgia Tech shows that the use of *steel* conduit reduces electromagnetic fields at 60 Hz power frequency levels by as much as 95 percent.

Shielding against EMI is only one of the benefits *steel* conduit provides. Others include:

- Proven equipment grounding conductor

- Physical protection of conductors
- Non-combustibility
- Coefficient of expansion compatible with common building materials
- Chemical compatibility with concrete



- Recyclable
- High-tensile strength
- Competitive life-cycle costs
- Adaptable to future wiring changes

Want cost-effective shielding against EMI? Specify RMC, IMC or EMT *steel* conduit.

For more information, write:

The Steel Tube Institute, 2000 Ponce de Leon Suite 600, Coral Gables, FL 33134.

E-mail: [STINA@steeltubeinstitute.org](mailto:STINA@steeltubeinstitute.org)

Visit our conduit website at:

[www.steelconduit.org](http://www.steelconduit.org)



**Another Good Reason to Specify *Steel* Conduit**