

Need CONDUIT installation?

Look no further! My name is Gary Parsons and I am a highly qualified electrician.

First off, I have all types of conduit tubing. Choose **non-metallic tubing** or **electrical metallic tubing** for your home or business. I will give recommendations based on your needs.

What's most important is that I have the know-how to do any type of job. For those tough **routes**, I have **flexible** conduits. For homes with complicated

building codes, I can use **grounded** connectors.

Have corrosion, fire, or water issues in your home? No problem! Many of my conduits have **protection** against these. For example, **moisture tight fittings** are especially made to keep water out. I also have a variety of **non-corrosive** conduits.

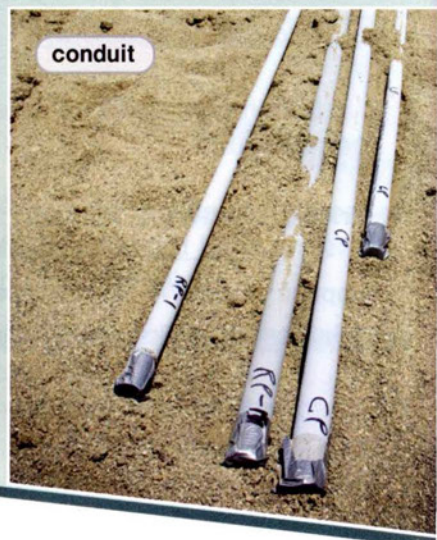
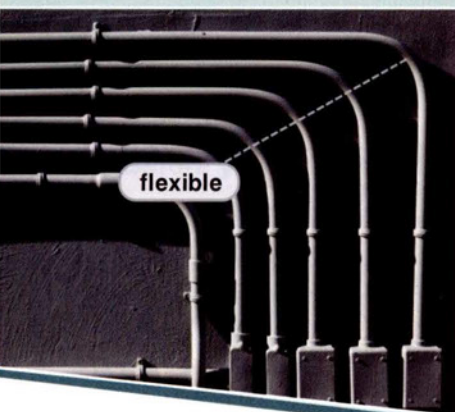
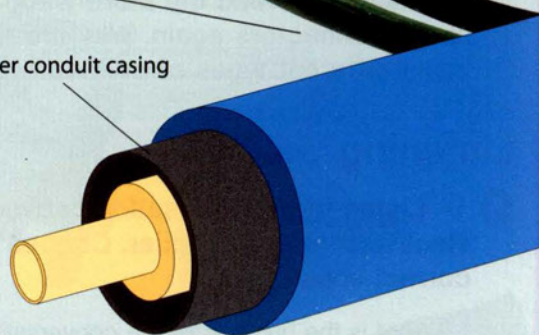
The bottom line is that I understand the needs of your specific **installation**. And if you're not happy with my work, I'll give you your money back!

GND
symbol



grounded

Inner conduit casing



Get ready!

① Before you read the passage, talk about these questions.

- 1 Why do electricians use conduits?
- 2 How are different types of conduits used?

Reading

② Read the newspaper advertisement for conduit installation. Then, mark the following statements as true (T) or false (F).

- 1 ___ The electrician recommends non-metallic tubing instead of metallic tubing.
- 2 ___ Flexible conduits are needed in homes with complicated building codes.
- 3 ___ Moisture tight fittings offer extra protection.

Vocabulary

③ Match the words (1-6) with the definitions (A-F).

- | | |
|------------------|----------------------------------|
| 1 ___ route | 4 ___ non-corrosive |
| 2 ___ grounded | 5 ___ moisture tight fitting |
| 3 ___ protection | 6 ___ electrical metallic tubing |

- A the ability to keep out dangers
 B a conduit made of steel or aluminum
 C a specified course or path
 D not damageable by chemicals
 E a conduit designed to keep water out
 F connected to the earth

4 Read the sentence and choose the correct word.

- 1 We need a **flexible / noncorrosive** conduit to run the wire around that corner.
- 2 This wiring job violates the city's **protection / building code**.
- 3 The electrician chose **non-metallic tubing / electrical metallic tubing** because she prefers working with plastic.
- 4 You should install a **route / conduit** to protect those wires.

5 Listen and read the newspaper advertisement for conduit installation again. Why would an electrician use flexible conduits?

Listening

6 Listen to a conversation between an electrician and a building owner. Choose the correct answers.

- 1 What is the purpose of the conversation?
 - A to determine if conduits are necessary
 - B to compare different types of conduits
 - C to set up a conduit installation
 - D to describe the advantages of a conduit
- 2 Why is the man bringing moisture tight fittings?
 - A Some areas are exposed to water.
 - B They work best with non-metallic tubing.
 - C The conduits must fit around corners.
 - D They work better than flexible conduits.

7 Listen again and complete the conversation.

Electrician: 1 _____ - _____ works well most of the time. Do you have any areas with heavy exposure to chemicals or water?

Building Owner: Not too many. We may need some 2 _____, but not a lot.

Electrician: Okay. I'll bring some of those and also some 3 _____ in case we need to get around any corners.

Building Owner: Sounds good. When would be a good time for you 4 _____?

Electrician: How about Wednesday morning? I have a job in the 5 _____, but I could come by around 11:00.

Building Owner: 11:00 in the morning isn't a good time. What about 3:00 on Wednesday afternoon?

Electrician: 3:00 in the afternoon 6 _____. I'll see you then!

Speaking

8 With a partner, act out the roles below based on Task 7. Then switch roles.

USE LANGUAGE SUCH AS:

What kind of ...
I think ... would be fine.
I'll bring some ... and also some ...

Student A: You are an electrician. Talk to Student B about:

- conduit installation and site conditions
- types of conduits needed
- when you can arrive at the jobsite

Student B: You are a building owner. Talk to Student A about a conduit installation.

Writing

9 Use the conversation from Task 8 to fill out the electrician's work order.

Gary Parsons
ELECTRIC

Work Order

Account #: 7759

Job Start Time: _____

Building Conditions: _____

Products Needed: _____

