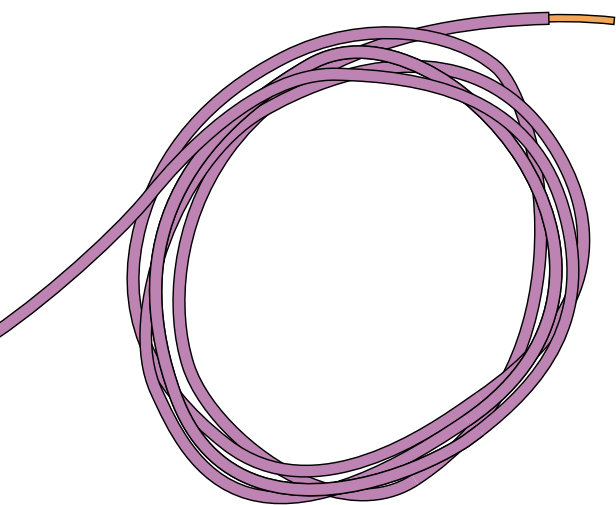




Changing shape

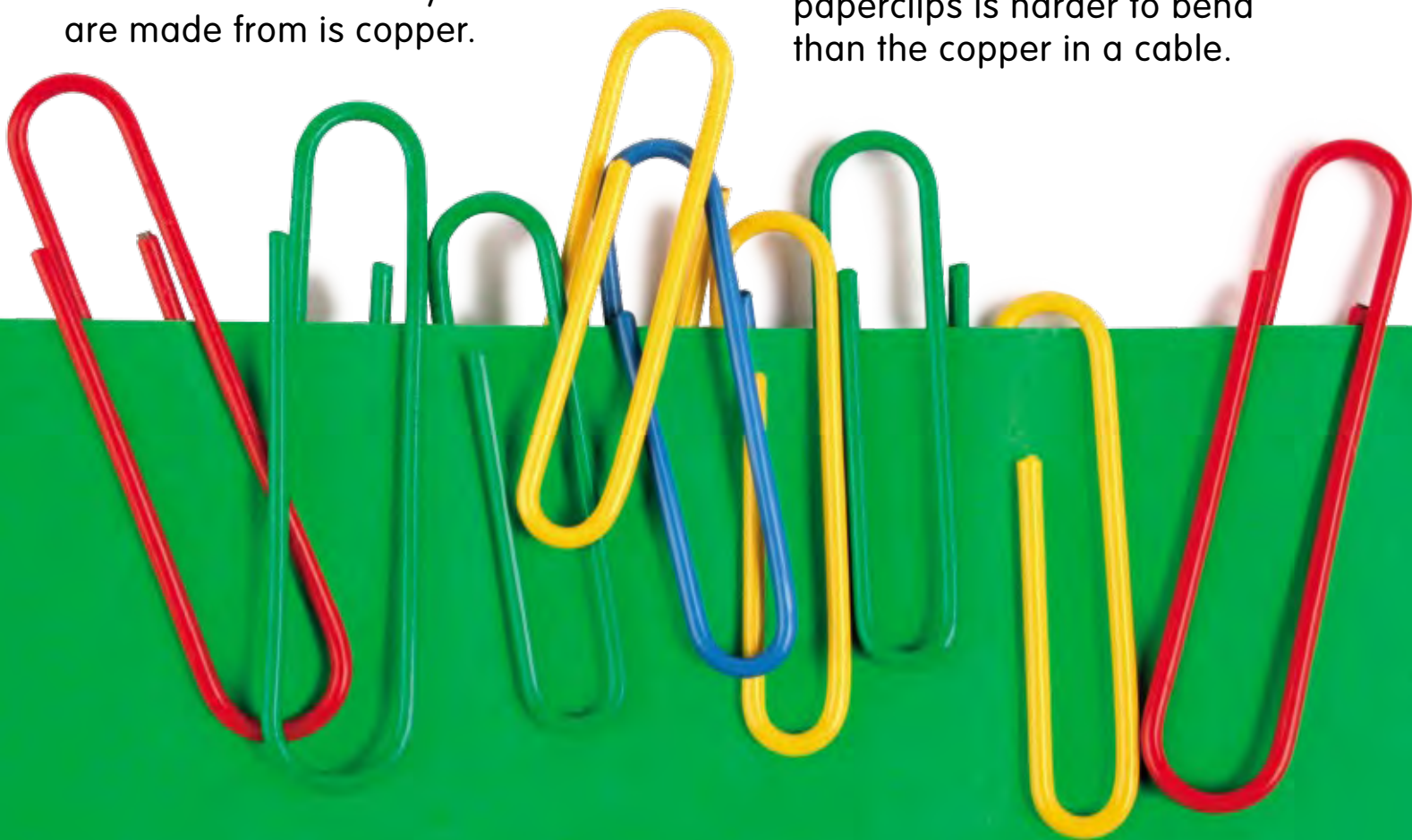
The shape of some materials can be changed easily.



Electrical cables bend easily. We say they are flexible. The metal they are made from is copper.

Materials are useful if we can change their shape. We can do this by cutting them, or filing. But it is very useful if we can change the shape of something just by pushing or pulling. Some metals, such as copper, bend easily.

The steel wire used to make paperclips is harder to bend than the copper in a cable.



Plasticine goes long and thin when you stretch it.



Clothes change shape as you move. They are made from lots of thin fibres.



Dough goes flat when you squash it.

What other materials can you easily change the shape of?