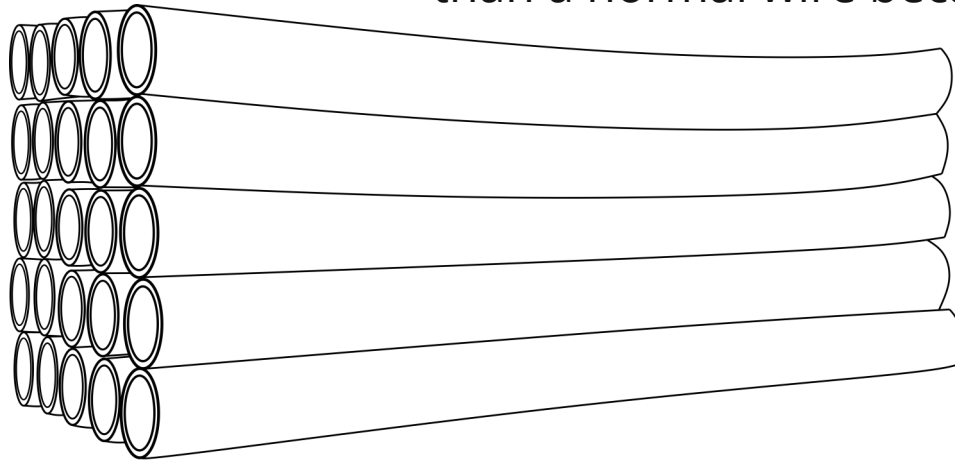


Superconducting Wires

Some superconductors can be shaped like wires. A superconducting wire can carry much more electricity than a normal wire because it has no electrical resistance.



COPPER
CABLE

SUPERCONDUCTING
CABLE

This superconducting cable can carry as much electricity as all the normal cables put together!

If you take a wire and coil it around and around, and then put an electric current through it, you can make a magnet! This is called an 'electromagnet'. If you do this with superconducting wires, you can make a super-strong electromagnet.

