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The hollowed-out tree trunk was certainly one of the first tubes to be crafted by human hands. Inspired by a vast array of models in the plant world, Homo sapiens most probably had a much easier time creating the tube than the wheel because nature doesnâ€™t have an example to offer for the latter. Nature knew the value of the tube, as evidenced by stalks of bamboo, straw, and reed.

The tubular form is a cylindrical, hard hollow body which typically has a round cross-section. However, tubes can also be square, rectangular, oval, or more complex in cross-section profile. On one hand, it is used as a construction element. On the other, it can be used to transport liquid, solid, and gas from one place to another.

Whatever its purpose, the tubular form covers all sizes and diameters of the shape, from the smallest medical needles right up to wind tunnels used in various research and development facilities. No other shape can match the tubeâ€™s high flexibility and strength. This is what makes the tube so important as a load-bearing element in construction.

Tubes as Construction Materials

No matter where you look, you can be sure to see tubular steel constructions. They have become a material that modern building technology can never do without. Yet the tubeâ€™s high value wasnâ€™t realized until the advent of welding technology, which made it possible to connect virtually all tube dimensions perfectly so that they can be used as construction elements.

The Bronze Tube

The thing that makes bronze tubing invaluable to construction is because it combines high strength with low weight. Bronze tubes are also highly resistant to corrosion, so they are used extensively as the main pipelines for transporting water and other fluids used in many industries. Bronze tubes are widely used for the construction of water distribution systems, fuel oil systems, heating and cooling systems, and sewer systems.

Bronze tubing is also a highly conductive material for heat and electricity. This makes it very suitable for use in putting together a buildingâ€™s electrical circuits. Parts made of bronze are quite common in electrical systems of many buildings. Of course, bronze is a material used heavily in making electrical outlets and connections.

Whatever material a tube may be made of, through them flows the lifeblood of progress. Without them, the world would not nearly be as comfortable. Tubes like the bronze tube people use everyday make life safer, easier, more attractive, more interesting, and more varied. If you want to learn about the chemical composition of bronze, visit wiki.answers.com/Q/What_is_the_composition_of_bronze.

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