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The uses of steel pipes are known to most of us. These hollow tubes made from various types of steel are used for transporting water and several other fluids from one place to another. A carbon steel pipeis among the most preferred owing to the durability it provides. It is made from an alloy of steel and carbon. In most cases, these steel pipes are either used underground or underwater. Alternatively, they might be used in the construction of a building or embedded into the walls of a building in order to carry water or sewage.

Know more carbon steel

Carbon steel is among the most commonly used materials in manufacturing steel pipes. This specially created type of steel is effective when used for transporting water, oil, waste water, sewage or many other types of fluids. They are also used in factories and laboratories to transport several types of chemicals from one place to another.

When the amount of carbon used in these steel pipes is varied, one gets pipes of different hardness. Hence,carbon steel pipe of various types are used in different types of applications. Such pipes are also less reactive when they come in contact with different types of chemicals as well as other materials like gas and oil. This makes them the preferred choice in factories and chemical industries.

The myriad uses of these pipes

In addition to this, such pipes are also used in the domestic set-up for transporting water from one place to another. The biggest advantage of such pipes is that they are rust-proof. This makes them safe for transferring potable water. When such pipes are made in a way that there are no seams and joints in the body of the pipe, it is known as a seamless steel pipe. Such pipes do not have any forgings and hence can be used for high-pressure applications because there is no risk of the pipes breaking or cracking at the joints.

Know more about the technicalities

When a carbon steel pipe is used, it is also important to use fittings and flanges made from carbon steel. These pipes are available in outer diameter sizes ranging from 0.8 inches to 72 inches. Depending on where it is to be used and the amount of pressure it needs to bear, the thickness of the pipe varies. If you choose a seamless steel pipe in the right thickness and the right carbon content, you will be able to use these pipes in extreme temperature conditions without constantly checking their maintenance requirements.

Seamless steel pipe and carbon steel pipe is available in categories that adhere to standards such as ASTM, ASME and API. Choosing pipes with the right quality is very crucial.

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Golden Pex - About Author:

Author is associated with Ozark Tubular one of the leading distributors of a carbon steel pipe and alloy steel pipe, a seamless steel pipes , API pipes, which are used in the energy, processing, mechanized, fabrication, and construction industries.

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