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The gasFlex piping system (TUBING AND ACCESORIES) is a multi-layered composite system consisting of an interior aluminum tubing coextruded with inner and outer layers of UV resistant polyethylene (PE).

The inner and outer layers of composite multilayer gasFlex are UV treated polyethylene; and its middle layer is a flexible aluminum tube. gasFlex has most of the advantages metallic pipe. Its advantages are easy bending, anti-rust, non-corrosion, and fire resistance.

The PE layers also create a shield so the tubing can be embedded in concrete or installed underground.

gasFlex 's inner layer is formulated with carbon black to increase its tensile strength and abrasion resistance. The outer layers consist of PE formulated with UV-A and UV-B resistant components that offer an added layer of protection from direct sunlight.

Outside Installation:

gasFlex recommends that whenever the pipe is installed outside where it can be exposed to direct sunlight, it shall be covered with conduit to prevent continuous exposure.

Inside Installation:

Whenever the pipe is installed inside the building , it can be installed exposed to indoor light , or it can also be embedded in concrete, or behind the wall in dry wall systems as needed.

Underground Installation

The PE layers in gasFlex create a shield that makes it resistant against acid, alkaline or salty soil and allows the system to be buried underground

General

gasFlex can be installed behind drywall and above false ceilings or surface mounted. gasFlex can be encased in concrete or buried underground without additional protection as its tough outer plastic layer resists chemicals and corrosive activity. **Superior Flow** gasFlex's smooth inner wall toughened with carbon black permanently resists scaling and abrasion, keeping gas flow constant over time.