CASE STUDY

TracPipe® PS-II in Schools

- Save Time
- Save Money
- Increase Installation Options

Product:
TracPipe® PS-II Underground Flexible Gas Piping with Containment Fittings

Location:
Nationwide, USA

TracPipe® introduced the initial version of Pre-Sleeved flexible gas piping in 2002. TracPipe® PS-II, a factory sleeved, double wall containment system was engineered to be used not only underground but also underneath buildings.

The system met the fuel gas code requirements for protection from corrosion and venting of the space between the sleeve/conduit and the gas pipe. The intent of TracPipe® PS-II was to provide contractors installation convenience for pool heaters, barbeques and island range cook tops in slab-on-grade buildings.

Pre-Sleeved TracPipe® PS-II became an immediate success for installation of gas lines to school laboratory tables when contractors, then engineering firms realized that this was the safest, most economical method of piping gas under school laboratories, the system offers many safety features over then current practice.

One of the first school laboratory projects in Meriden, CT saved the contractor thousands of dollars in materials and labor over the sleeved rigid pipe he would have used to meet code requirements.

A high level of investment into school buildings in the U.S. has lead to an increased volume of construction projects from coast-to-coast. For over five years, TracPipe® PS-II has provided a simple, safe and efficient method of piping gas for table-top burners into school laboratories (slab-on-grade) such as pictured. The containment end fittings and double-wall flexible pipe/conduit qualify this product for use above and below ground as well as underneath buildings.

OmegaFlex®

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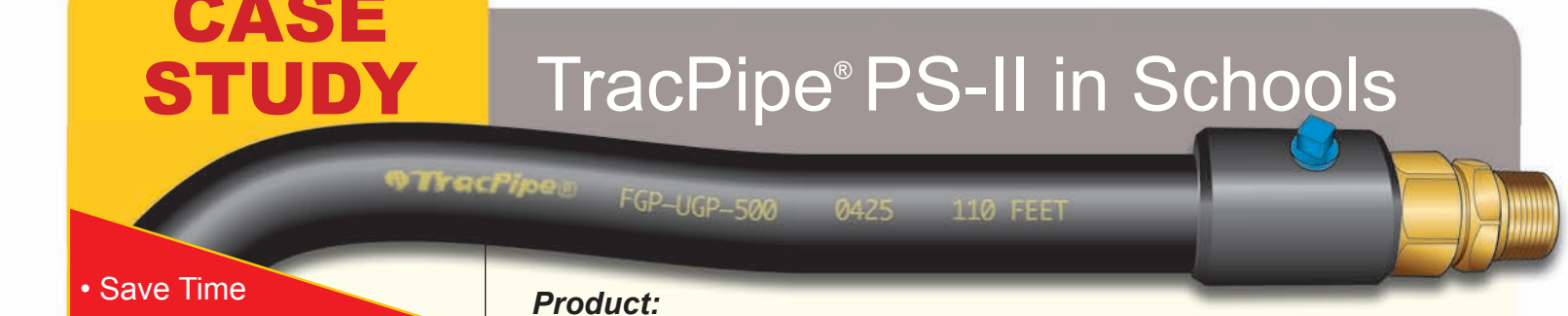

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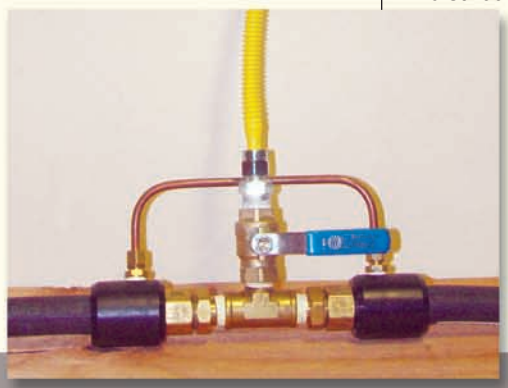
In 2004 a second generation version, pre-sleeved TracPipe® PS-II was introduced to the building community. Constructed from TracPipe® CSST (corrugated stainless steel tubing), TracPipe® PS-II is jacketed in a flexible and fully vent-capable black polymer sleeve that is easy to handle and extremely damage-resistant. The quick attachment containment fittings complete the one-step easy to use vented system. TracPipe® PS-II is available in long lengths (up to 250 feet reels depending on size). TracPipe® PS-II can be installed under buildings, slabs, roads, driveways. It's perfect for gas installations in a variety of applications where speed, reliability and safety are paramount.

TracPipe® PS-II is certified to ANSI LC 1 by CSA International. Over the past several years, TracPipe® PS-II has been installed in numerous school projects from coast to coast. The approach to designing the piping system starts outside the building at a location where the fitting vent plug will be removed and initial gas connection made. TracPipe® PS-II is run from this point underneath the building slab location to the first laboratory table. A gas connection is made to the burners on this table and the TracPipe® PS-II is routed back underneath the slab to the next table and the vent ports from the first and second runs are connected, usually by copper tube. This same "Daisy Chain" configuration is repeated to each laboratory table.

TracPipe® PS-II has been tested for conformance to code requirements by IAPMO Research and Testing. Reels of tubing and containment fittings are available from your local TracPipe® distributor.



Configuration under each laboratory table consists of inlet and outlet runs of TracPipe® PS-II with vent ports connected by a copper tube jumper.This provides a continuous vent for the entire run to a suitable outdoor location. The vertical tee outlet is attached to a gas valve and then a flexible appliance connector to the table-top burner.

For safety, cost-savings, and ease of installation, TracPipe® PS-II CSST is the logical choice.

OmegaFlex®

TracPipe® CounterStrike®
Flexible Gas Piping by OmegaFlex®