



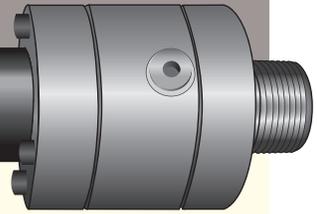
## CASE STUDY

### DoubleTrac® Gasoline and Diesel UST

- Saves Time
- Saves Money
- Increases Installation Options

**Product:**  
DoubleTrac® Double Wall Petroleum Piping for Retail Applications

**Location:** Timewise Store #863-08, Cypress, TX



DoubleTrac® is an innovative double-wall fuel piping design with a primary interior layer of zero-permeation, highly corrosion resistant, corrugated stainless steel combined with an outer secondary jacket made of Ethylene Fluorinated Ethylene Propylene (EFEP) bonded to a Nylon 12. The unmatched strength and zero permeation of stainless steel combined with the superior permeation resistance of EFEP as a secondary barrier layer provide a highly durable design utilizing proven materials within the industry. The interstitial space provides continuous monitoring for leak detection – making DoubleTrac® the industry's most effective Zero Permeation piping solution.

DoubleTrac® pipe is designed to perform under the most extreme conditions encountered in the retail gas station environment.

The new DoubleTrac® fittings are UL 971A listed and meet the salt spray test requirements of ASTM-B-117-90. Elbow and tee fittings are available in 316 stainless steel and brass 360.

Randy Bayless, Director of Manufacturing and Engineering for Omega Flex, Inc., stated “the great thing about OmegaFlex is, we are an engineering driven company. We believe in continuous improvement and look for ways to enhance our products. We do this by having our project engineers onsite training contractors on installing our product while learning firsthand the field adversities of installing fuel piping at a retail construction site. Working with the contractors from MSCS out of Bourne, TX was a good experience. The lead mechanic Alfie and his crew did a great job installing our piping.”

*(continued on back)*



*The double wall construction is dimensionally stable and will not “grow” due to exposure to fuel.*



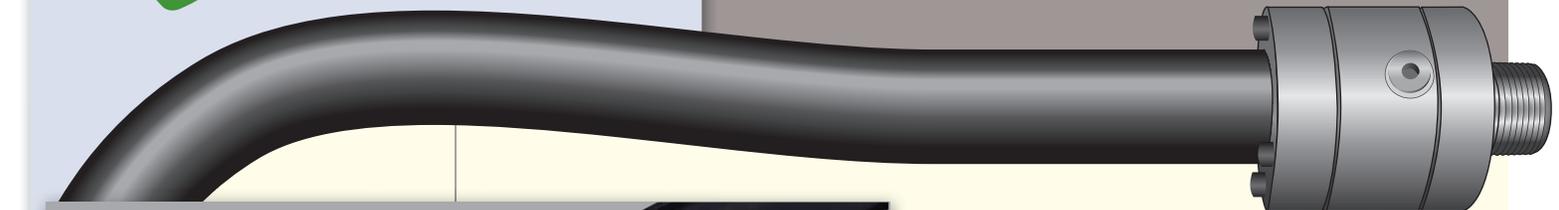
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ISO 9001 Registered Company  
DBT-184 11/15

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## CASE STUDY

### DoubleTrac® Gasoline and Diesel UST



*(continued from front)*



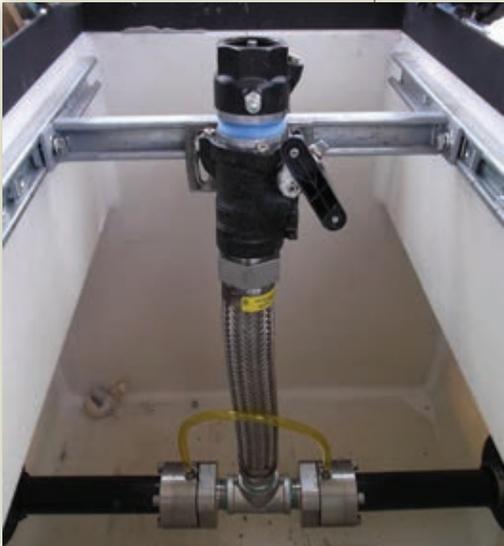
*Fittings are available in stainless steel for use on diesel systems to combat ULSD related corrosion and yellow metal for use with gasoline based fuels.*

#### About Landmark Industries

The retail division began operation under the Timewise Food Store brand in 1982 with one location in Hempstead, Texas. It now markets in 240 stores located in and around the Houston, San Antonio, Austin and Laredo marketplaces with several new units presently being developed. The wholesale division distributes Shell, Chevron, Exxon, Texaco and Valero branded petroleum products to numerous dealers and independent retailers throughout Texas.

Michael Zubel, Project Manager for Landmark Industries, stated “the fittings are available in stainless steel for use on diesel systems to combat ULSD (ultra-low sulfur diesel) and has brass fittings for use with gasoline based fuel.”

Mike also stated “the advantages of DoubleTrac® stainless steel primary piping has a high probability of being compatible with future gasoline, alcohol, and diesel fuel formulations. DoubleTrac® is dimensionally stable and over time i.e., will not ‘grow’ due to exposure of fuel.” Mike said “DoubleTrac® piping and fittings integrate the primary piping and secondary containment so that both primary and secondary are completed and sealed in a single step by bolting up a fittings. The piping has very little ‘memory’ which makes it easier to handle and layout during installation and the installation time is similar to double wall flexible plastic piping.”



*The new DoubleTrac corrosion resistant Stainless Steel fitting was used for easier assembly in the sump! This fitting provides a metal to metal seal and is field attachable.*

Randy Bayless Director of Manufacturing and Engineering stated, “The job consisted of 1,500 feet of 1-1/2" DoubleTrac® piping and 72 1-1/2" DoubleTrac® fittings. Six dispensers were on one bank and five dispensers on the second bank. The fuels were regular unleaded, premium unleaded and diesel. Both banks ran out of dual pumps from the tank field. The UDC's were fiberglass with DPM rubber entry boots. The total time to complete this job was 28 hours. The great thing was we were able to manufacture straight lengths of DoubleTrac® for the dispenser to dispenser lengths. The job ran without incident.”

**For safety, cost-savings, and ease of installation, DoubleTrac® is the logical choice.**

