



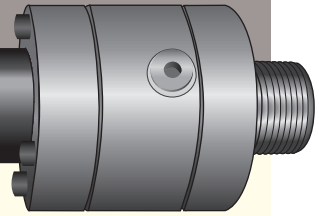
## CASE STUDY

### DoubleTrac® Gasoline and Diesel UST

- Saves Time
- Saves Money
- Increases Installation Options

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

**Location:** Family Express, 5 locations, Indiana



Ed Jacobs, principal project engineer for Jacobs Professional Services, is constantly seeking petroleum installation solutions that are state-of-the-art, benefits his customers and saves money over time. He believes that OmegaFlex's DoubleTrac® double containment pipe for diesel, gasoline and biofuels meets these criteria. Mr. Jacobs states, "It is the safest product out there and with the uncertain future of fuel formulations, why wouldn't you spend the additional money to ensure the best long term result." With this solution in mind, he approached Family Express to install the DoubleTrac® piping systems in their modern Family Express convenience stores. Currently, five Family Express stores are benefiting from DoubleTrac's superior warranty, its stainless steel construction and its superior long term payback versus plastic double wall piping.

DoubleTrac® offers:

- 30 year warranty on pipe and fittings for USTs with or without chase pipe, and
- 15 Year Warranty on pipe and fittings for ASTs

DoubleTrac® is an innovative double-wall design which includes a primary interior layer of highly corrosion resistant corrugated stainless steel with zero-permeation and with outer EFEP barrier layer bonded to a Nylon 12 protective layer. The unmatched strength of stainless steel and the superior permeation resistance of EFEP in the secondary barrier layer combine to provide a highly durable design utilizing proven materials in the industry. The interstitial space provides continuous monitoring for leak detection – making DoubleTrac® the industry's most effective zero-permeation piping solution.

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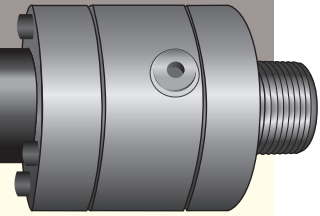


Dispenser Pipe Run -  
1.5" Omega flex pipe w/4" ducting



Omega Flex, Inc. • 451 Creamery Way • Exton, PA 19341  
1-800-355-1039  
ISO 9001 Registered Company  
DBT 195 03/16

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*(continued from front)*



*Tank Pipe Run -  
2" Omega Flex pipe w/4" ducting*

*The ease of installing DoubleTrac into chase piping saves the end user money because they do not need to remove all of the concrete and or they can just use the existing chase piping.*

#### About Jacobs

Jacobs Professional Services is a well respected name in the petroleum industry and their team brings over 50 years of industry experience. They specialize in design layout, ground up construction, retrofit of existing petroleum installations and maintenance, service, parts and compliance.

#### About Family Express

Family Express, named 2015 Convenience Store of the Year, operates stores throughout Northwest and North Central Indiana and is currently expanding into Northeast Indiana. It goes to market with a family of proprietary brands including Java Wave gourmet coffees, Squeeze Freeze carbonated beverages, natural spring water, the Buzzed Energy drink, milk products, ice and Cravin's Market, its private-label line of sandwiches and bakery products, including the "Square Donut." The retailer also offers the F.E. Perks loyalty program providing customers with the opportunity to earn cents-off-per-gallon rewards when making purchases inside the store.

#### DoubleTrac Listings and Approvals

- CA State Water Resources Control Board – UST Program – Matrix of Pipe Monitoring Applications
- Florida Department of Environmental Protection Approval
- City of New York Fire Department • UL 971A – DoubleTrac<sup>®</sup> UL Directory Listing
- Leak Detection Technologies – MDleak™ Seal of Approval • CGRS' iota<sup>®</sup> VaporTite V005 Approval
- Praxair's Tracer Tight<sup>®</sup> Approval • Michigan DEQ Approval • Wisconsin DATCP Approval
- Florida Department of Environmental Protection – Approval of DoubleTrac Series Piping System for Marina Piping Systems, File No. E-751
- State of Michigan Approval – Use for Aboveground Piping of Storage Tanks - 4-2015
- Suffolk City, New York Approval - Use of DoubleTrac Piping System – 06-2015 Visit [doubletrac.net](http://doubletrac.net) for information on Flex Connectors and DEF piping.

#### FUEL FACTS

- Nearly every gallon of gasoline in the USA contains 10% ethanol by volume (E10).
- The EPA granted approval for the use of E15 in January 2011.
- E85 is a blend of 51 to 83 percent ethanol to gasoline by volume. E85 is currently sold in very limited volumes because relatively few vehicles are capable of using the fuel and very few service stations can dispense it.
- Wide spread use of E15 or E85 will require that existing service station pumps, storage tanks, and other associated systems be upgraded or replaced.
- Biofuels are a collective term for liquid fuels derived from renewable sources including ethanol and biodiesel. • Biodiesel is produced primarily from soybean oil and accounts for approximately 1.5% of all diesel fuel use in 2011.
- North America is expected to witness significant growth of biofuels over the next several years on account of its increasing application in flex-fuel cars.
- Looking ahead about 4% of current model year cars and light trucks could meet the EPA model year 2025 CO2 emissions targets. This 4% is comprised solely of hybrids, plug-in hybrids, and electric cars.
- Given the above cars of the future and the fuels that power them will have to change to meet the ever increasing demand for less harmful emissions.

