



FIBERGLASS - COMPOSITE PIPE GROUP



Dualoy®3000/LCX Coaxial Fiberglass Pipe and Fittings

contained underground fuel-handling system with rigid fiberglass primary and integral fiberglass containment layers*

Uses and applications

Fiberglass coaxial fuel handling systems requiring Underwriters Laboratories Listing for containment piping and primary lines conveying the following fuels:

- | | |
|---------------------------|--------------------|
| alcohols | leaded gasolines |
| alcohol-gasoline mixtures | oxygenated fuels |
| diesel fuels | unleaded gasolines |

MTBE fluids

Description

Ameron Dualoy 3000/LCX fiberglass coaxial piping is a cost-effective solution for contained piping systems. LCX is used for product delivery lines in underground fuel handling systems to convey fuel from the tank to the dispensers. Dualoy 3000/LCX pipe is UL Listed for use with petroleum products, alcohols and alcohol-gasoline mixtures.

The LCX pipe is manufactured as an integral unit. The primary is made of chemically inert, non-permeable, fiberglass reinforced epoxy resin which is inherently resistant to deterioration due to water and microbial attack. This layer is covered with a porous sand layer to provide the small interstitial space which facilitates rapid leak detection. Then, the containment layer, comprised of the same material as the primary, is wound over the primary and sand layers.

The containment system is installed with custom-designed Amron clamshell containment fittings. Both the primary and containment systems are bonded for long-term, reliable performance.

- Dualoy 3000/LCX containment fittings are typically bolted in place while the adhesive cures. Rivets or clips are fastener options.
- Dualoy 3000/LCX reduces installation and inspection time dramatically, retaining system integrity.
- The Dualoy 3000/LCX double wall design significantly improves impact resistance over single wall pipe.
- Dualoy 3000/LCX fittings provide true double wall design which permits communication of the interstitial space throughout the system.

ISO-9001



Listings and approvals



Underwriters
Laboratories Inc.®

The rigid fiberglass piping used in Dualoy 3000/LCX is Listed in the United States with Underwriters Laboratories for nonmetallic underground piping for petroleum products, alcohols and gasoline-alcohol mixtures under File No. MH9162. Dualoy 3000/LCX pipe and fittings are also listed with Underwriters Laboratories of Canada for Petroleum Products and Oxygenated Fuels (File CMH715). Underwriters Laboratories has also approved Dualoy 3000/L and Dualoy 3000/LCX for use with MTBE fluids.

* U.S. Patent No. 5,725,920