

Underground Fuel Tank and Sump Compatibility Statement

William A. Schneider
10/30/2023

This letter applies to all fiberglass fuel storage products manufactured by Containment Solutions, Inc. since its inception on 01/01/1995 as well as all fiberglass fuel storage products manufactured by Fiber Glass Systems - NOV since acquiring Containment Solutions, Inc. on 07/09/2019 including:

- Single-wall underground tanks
- Double-wall underground tanks
- Triple-wall underground tanks
- ReTank® (In situ double-wall tank upgrade)
- BTU® (Bio fuel Tank Upgrade for fluid compatibility)
- Single-wall tank sumps
- Double-wall tank sumps

FGS single, double, and triple wall Containment Solutions™ tanks are listed by Underwriters Laboratories Inc., under *ANSI/CAN/UL/ULC 1316 - Standard for Fibre Reinforced Underground Tanks for Flammable and Combustible Liquids*.

All of the above products are compatible for use with the following fuels and fuel blends:

- Gasoline, jet fuel, aviation gasoline, motor oil (new or used), kerosene, diesel motor fuel
- Alcohol-gasoline blend motor fuels
 - Gasoline-ethanol blends with up to 100% ethanol
 - Gasoline-methanol blends with up to 100% methanol
- Isobutanol-gasoline blend motor fuels with up to 16% isobutanol
- Biodiesel-diesel blends with up to 100% biodiesel (B100 per ASTM)
- Oxygenated motor fuels with up to 20% (by volume) methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), or tertiary amyl ethyl ether (TAEF)
- Diesel fuel oil

Respectively,



W. A. Schneider
Research & Development Manager

October 10, 2016

RE: Compatibility of Red Thread™ IIA and Dualoy™ Piping Products

To Whom It May Concern:

NOV Fiber Glass Systems has been manufacturing highly-engineered fiberglass pipe for the fuel handling industry for almost 50 years, receiving our first Underwriters Laboratories (UL) listing in 1968. We currently have two product lines serving the Fuel Handling market: Red Thread IIA and Dualoy (3000/L and 3000/LCX). This letter addresses compatibility with current and past product generations.

Red Thread IIA

The Red Thread IIA piping system has been manufactured since 1990. The system was UL listed for alcohol compatibility in 1990, and is UL-971 listed for all fuels and applications per UL Standard 971-2004. In addition, the materials are compatible with Ethanol, Methanol, and Biodiesel blended fuels, through 100 percent concentrations.

Red Thread (manufactured and UL listed from 1968 to 1984) and Red Thread II (manufactured and UL listed from 1984 to 1990) are both compatible with all ethanol fuels up to 100 percent concentration.

Dualoy 3000/L & 3000/LCX

The Dualoy piping systems have been manufactured since 1971. The system was UL listed for alcohol compatibility in 1988, and is UL-971 listed for all fuels and applications per UL Standard 971-2004. In addition, the materials are compatible with Ethanol and Methanol blended fuels, through 100 percent concentrations, and Biodiesel blended fuels.

Prior to 1988, UL did not offer a Listing for alcohol blended fuels, although legacy Dualoy products prior to the Listing were compatible with ethanol and all concentrations of ethanol blended fuels.

If you have any questions or require additional information, please let us know.

Respectfully yours,



Josh Fowler
Manager, Fuel Handling Sales