

Double Wall Tank **Glasteel II**™

Double Wall Jacketed Secondary Containment...

the ultimate
in structural strength
and compatibility
for today
and tomorrow's
hydrocarbon fuels
and additives.



MODERN WELDING CO., INC

1 800 922 1932
www.modweldco.com



Expect it from the Leader



Ethanol Fuels. The Modern Welding Company has determined that shop fabricated “Steel” underground and aboveground storage tanks, when used for the storage of ethanol based fuels, have exhibited no long term detrimental structural or permeation issues. As with all fuels, Modern recommends that tank owners implement a maintenance program for all tanks and associated equipment, including monitoring and removing water that may accumulate within the tank. Steel tanks are made from ductile materials that bend but will not break, aiding in preventing catastrophic spills

in the event of a breach. Oil refineries and bulk storage tank manufacturers utilize steel for vessels, piping and for the manufacturing and delivering of fuel across America. We know that protecting the environment is, and will continue to be, one of the hottest topics our industry faces during the coming decades. That’s why Modern Welding has designed GLASTEEL II™ to be the very finest double wall jacketed secondary contained tank available in the market today.

GLASTEEL II™

DOUBLE THE QUALITY

Modern Welding’s GLASTEEL II™ offers a UL 1746 listed secondary contained tank comprised of a strong UL 58 steel primary tank enclosed within a 360° FRP secondary containment wall. Product compatibility and structural strength are ensured by GLASTEEL II™’s steel inner tank. The FRP outer tank provides complete corrosion protection and **DOUBLES** the dependability as the secondary containment. Our design provides a minimum-clearance, free flowing 360° annular space. Modern’s Glasteel II™ underground storage tanks meet the EPA 40 CFR Subpart B, 280.20 for performance standards for new Underground Storage Tank Systems.

EXCEEDS TESTING CRITERIA

A steel monitor access tube is welded liquid tight into the primary steel tank. The monitor access tube provides the annular space monitoring capabilities. The FRP double wall secondary containment exceeds all Underwriters Laboratory testing performance criteria and is a UL Listed Product.

DOUBLE COMPATIBILITY

Fuels and fuel additives are changing across the world. Early additives were tetra ethyl lead, then MTBE’s now ethanol fuels...what is next? Is your storage tank ready? Modern’s GLASTEEL II™ UL listed steel primary tank offers the broadest compatibility available with all fuels, including gasoline, jet fuel, diesel fuel, ethanol, neat methanol, M-85, and E-85.

COST-EFFECTIVE

Multiple compartment configurations provide the most cost-effective product storage, with one common secondary annular space monitor for all compartments.

Glasteel II™

SUPERIOR PERFORMANCE; EASY INSTALLATION

- Cathodic protection, dielectric isolation not required.
- GLASTEEL II™ tanks still come with Modern Welding's 30-year limited warranty.
- Your GLASTEEL II™ tank, when completed, will be delivered on time. Cost saving regional delivery can also lower your freight charges.
- Simple low cost installation procedures require no special backfill aggregate procedures to maintain structural integrity.

Additionally, Glasteel II™ tanks are shipped to the jobsite with a vacuum established within the annular space. Once this vacuum is confirmed to meet the "Testing" criteria as established by the NFPA and referenced in our Glasteel II™ Installation Instructions, no additional air test is required prior to installation. This saves time and money for our clients.



Steel Primary Tank
Annular Space for Monitoring
FRP Secondary Jacketed
Containment Tank

**An American Owned Corporation
manufacturing quality steel products for the
protection of today's environment.**

Expect it from the leader – over 75 Years of Quality

Glasteel II



MODERN WELDING CO., INC
Email: modern@modweldco.com



MD Anderson Cancer Center Houston, TX
2-25,000 gallon back up emergency generator tanks.

Maintenance Program...Your Best Protection.



Modern Welding designs and manufactures GLASTEEL II™ tanks to the highest standards in the Industry, producing the finest double wall secondary containment tank available today. To maintain these standards Modern Welding recommends a "Maintenance Program" be adopted for all tanks. The EPA, PEI and API recommend that all types of fuel storage tanks, regardless of materials used for construction, be subjected to regular scheduled maintenance. Listed below are publications containing recommended practices and procedures for the proper maintenance of storage tank systems. Protecting the environment is, and will continue to be, one of the industry's greatest challenges during the coming decades.

Publications:

- API Recommended Practice 1621, Bulk Liquid Stock Control at Retail Outlets.
- API Recommended Practice 2610, Design, Construction, Operation, Maintenance and Inspection of Terminal and Tank Facilities.
- EPA's "Operating and Maintaining Underground Storage Tank Systems."
- ASTM Standard D6469-69, Standard Guide for Microbial Contamination in Fuels and Fuel Systems.
- PEI, RP-900, Recommended Practices for the Inspection and Maintenance of UST Systems.

Please join Modern Welding in doing your part to adhere to a proper maintenance program.

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