

MPC

ELUTRON

Jacketed Underground Storage Tanks



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ELUTRON®

ELUTRON® delivers all the benefits and proven performance of Plasteel Composite® double-wall tanks, plus a significant increase in cost efficiency.

In 1980, Plasteel® tanks were the first steel based underground tanks to be Underwriters Laboratories Inc. (UL) tested and listed for external corrosion protection.

FRP laminate maintains a hard, seamless integrity when subjected to ambient temperature extremes and does not become brittle or soft below or above ground.

Aluminum foil provides a minimum clearance, free flowing 360° interstice.

Inner primary welded steel tank is manufactured to U.L. Listing requirements. It provides long term structural safety, incorporating compatibility to a broad range of products; including all motor fuels, heating oil, methanol, ethanol, alcohol and alcohol blends (M-85).

ANTI-BUCKLING VALIDATION ELUTRON® tank vs UL 1316 FRP tank

The ELUTRON® provides anti-buckling compliance to UL 58 and 1746 performance testing based on the ROARK equation.

UL 58 AND 1764 PERFORMANCE TEST

Tank submerged in 100% water, no backfill for support, to validate anti-buckling.



UL 1316 PERFORMANCE TEST

Tank buried with backfill for support to validate anti-buckling.

CONCLUSION: The obvious choice is the ELUTRON® tank, which provides a superior anti-buckling validation by UL through performance testing.

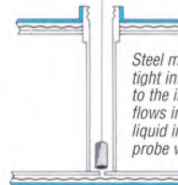
► Proven installed performance. Over 28,000 Plasteel Composite® and ELUTRON® tanks in service since 1971 with no corrosion failures.

► Installation procedures are simple; special backfill procedures are not required to maintain structural integrity. 25% to 35% less backfill material required compared to FRP tanks.

► ELUTRON® tanks are warranted for 30 years against external or internal corrosion failure when storing compatible products.

► Capacities from 500 to 50,000 gallons (2,000 L - 200,000 L). Special configurations and multiple compartments available.

► Interstitial Vacuum Test (IVT) available. The IVT has been third party evaluated to comply with the E.P.A. tank tightness test protocol.



Steel monitor access tube is welded liquid tight into steel tank. In the event of a breach to the inner or outer wall, the intruding liquid flows into the monitor access tube. Any liquid in contact with the electronic sensor probe will trigger alarm.

◀ Aluminum foil shape exaggerated and interstice enlarged for illustration detail. Actual foil shape is flat against steel tank.

Non-corroding collar (optional) provides solid attachments for piping containment sumps.



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Licensed PLASTEEL® ELUTRON® tank manufacturer

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PLASTEEL
INTERNATIONAL INC.

