UNDERGROUND STEEL TANKS sti-P3®

modern

MODERN WELDING CO., INC.

Modern Welding underground tanks have the unique sti-P_3® triple protection system developed by the Steel Tank Institute. Every Modern Welding sti-P_3® tank carries a 10 year limited warranty against; cracking, breakup or collapse resulting in tank failure; and **both internal and external** corrosion caused by reaction of the tank with its soil environment.

Modern Welding's sti-P_3® tanks are available for any size job, ranging from 500 to 50,000 gallon capacity. No special installation is required, however, if engineering and technical services are needed, they are available from Modern Welding representatives.

The system is pre-engineered and your tank is completely fitted at our plant, so it will need no special handling during loading, shipment or off-loading at your site. The protection system is self-activating and entirely automatic.

Since the introduction of the protection system in 1969, there has never been a single reported leak due to corrosion of an sti-P_3® protected tank.

Modern Welding sti-P_3® tanks are competitively priced, and you can feel confident in the fact that everything Modern Welding does, carries the full backing of over 50 years of experience.

Modern sti-P_3® tanks meet EPA requirements, and are made in accordance with Underwriter's Listed specifications (Laboratories Std. #58). They also meet or exceed codes for the storage of hazardous materials (NFPA #30 and #31), the Uniform Fire Code and American National Standards Inst. B137.1-1971.

Further information on Modern Welding sti-P_3® tanks is available upon request.

STEP 1: PROTECTIVE COATING.

The first step in the sti-P_3® system is applying a tough, long-lasting coating to seal the tank's steel against attack from aggressive soil conditions and moisture. First we sandblast the tank to remove dirt, oil and mill scale. And we apply the tough dielectric coating by airless spray, carefully controlled to maintain high standards of thickness and coverage.

STEP 2: CATHODIC PROTECTION.

Then we attach high-potential magnesium or zinc anodes to the tank, reversing any DC current flow which might result from stray ground current or reaction between different metals. We pre-engineer the size and placement of the anodes on each tank, according to the tank's surface area.

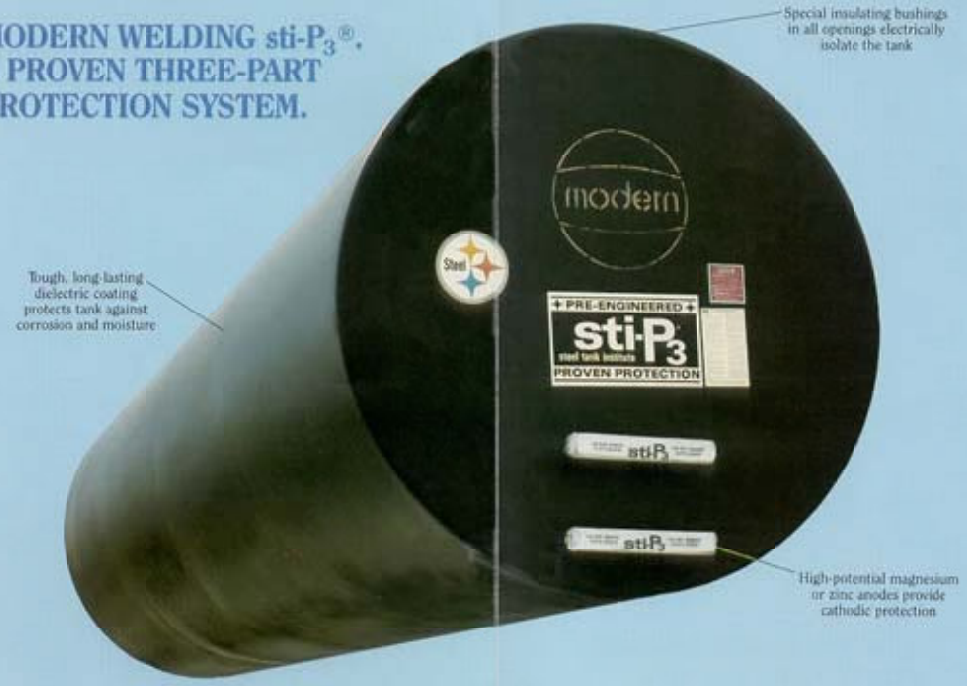
The anodes are pre-packed in a special fill material to increase their efficiency. In addition Modern Welding Clad sti-P_3® tanks are tested with 35,000 volts of electricity before leaving our plant to assure the absence of "holiday" of, scratches in the protective coating. The same strict standards are maintained for Modern Welding coal Tar Epoxy covered sti-P_3® tanks.

STEP 3: ELECTRICAL ISOLATION.

Stray currents could attack the tank through its piping connections. So we install special insulating bushings in all openings, to electrically isolate the tank. The bushings are custom-made especially for the sti-P_3® system, with a low profile to prevent damage during shipment and installation. The tough, sturdy dielectric bushing material resists knocks, gasohol, gasoline and gasoline vapors and is impervious to water, salt and detergents.

Three steps, designed to work together to provide enduring protection. Years in the development, sti-P_3® gives your tank total protection, with a minimum 30-year anode life in 2,000 ohms/cm resistivity soil.

MODERN WELDING sti-P_3®. A PROVEN THREE-PART PROTECTION SYSTEM.



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Available in single wall or double wall construction.