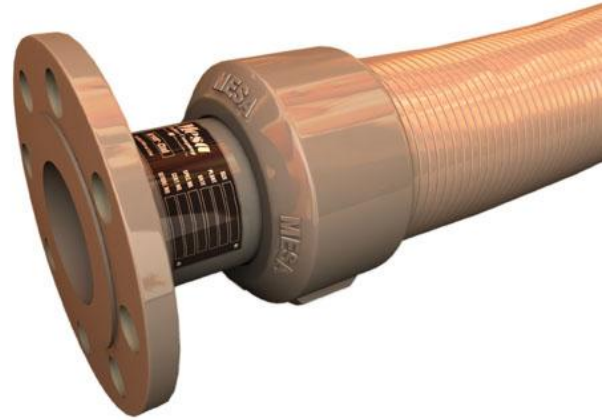


Mesa

Mesa Roof Drain Systems

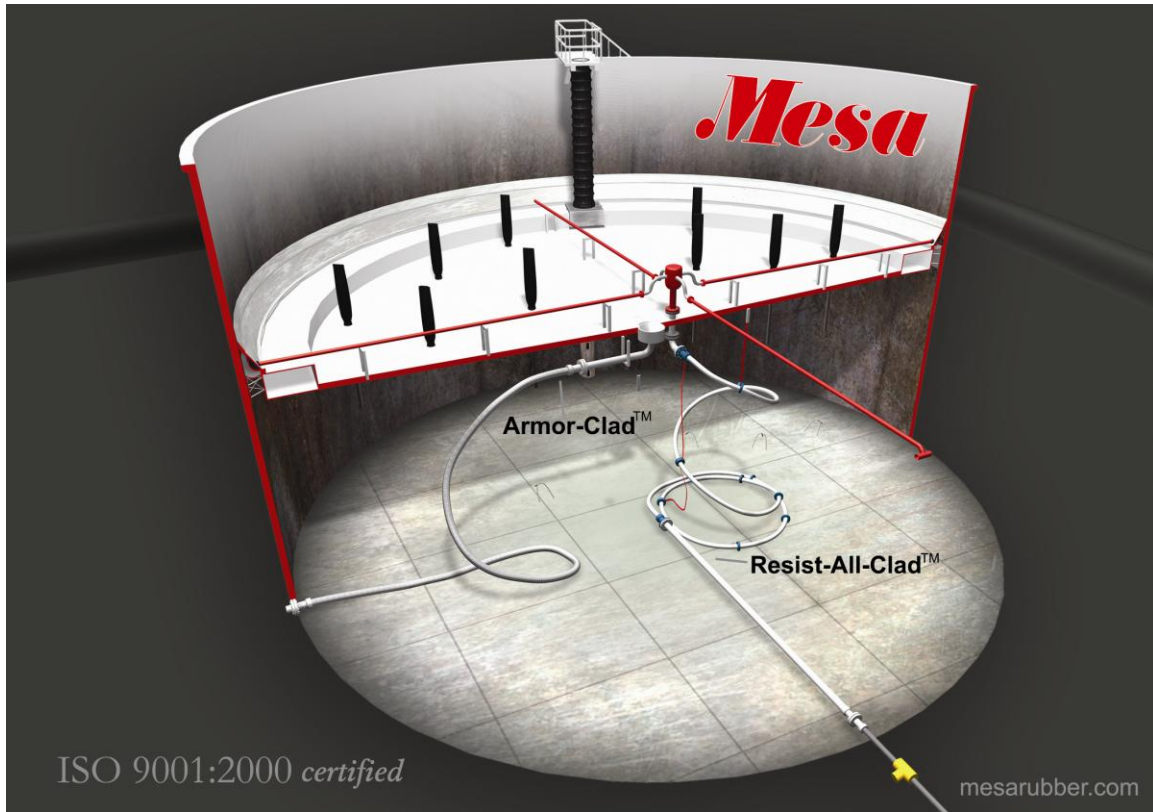
Mesa Roof Drain systems ensure the proper drainage of water from the floating roof of Aboveground Storage Tanks (AST). Floating roofs are sloped towards a drain sump normally located in the center of the roof. One end of Mesa's flexible pipe assembly is connected to the sump from below the roof. The assembly is immersed in the liquid storage product and connected to an outlet at the base of the tank. Mesa's drain assemblies flex as the roof raises or lowers depending on the liquid level. Mesa's smooth internal fluidway allows water to be drained from the floating roof in the most efficient manner.



Since 1967, Mesa Roof Drain systems have been field-tested and approved by refineries and storage tank facilities worldwide. Mesa drains have operated in-service for up to 30 years. Life expectancy of all drains is dependent on product in tank throughout service life and are within parameters of design specifications.

Mesa roof drains offer the following features:

- Smooth internal fluidway to ensure proper drainage--no corrugation to restrict flow or cause sediment to catch and plug up the hose.
- Chemical compatibility for all storage tank products
- Operate in a vertical plane and do not scrape on the floor of the tank.
- Have consistent lay pattern ensuring that the drain stays in position as installed in the storage tank.
- Proprietary designed fittings give roof drain two permanent non-leaking couplings at each end of the assembly.
- Do not add pressure to the floating roof.
- Won't cause "off-center" roof or seal gaps such as those caused by swivel joints or hard piped systems.
- Have negative buoyancy in all storage products.
- Choice of single-coil or controlled, repetitive lay pattern depending on Mesa Flexible Pipe chosen for roof drain system.
- ISO 9001:2000 certified manufacturer



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West: 626.359.9361

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Mesa Rubber Co., a division of Mesa Industries, Inc., has manufactured and supplied specialized products to the Petroleum Industry for over 40 years. Mesa's AST Product Division offers a complete line of products for new construction and maintenance of Internal and External floating roof storage tanks. Product lines include floating roof drains, skimmer systems, foam delivery systems, leg boots, gauge pole covers, seal systems and materials. Mesa is ISO 9001:2000 certified.