



# **DIRECT X** PRIMARY MECHANICAL SHOE SEAL

For External Floating Roofs

DirecTank's **Direct X** Primary Mechanical Shoe Seal for aboveground storage tanks is the most reliable and efficient mechanical shoe seal for external floating roofs on the market. Featuring robust, all stainless steel components, the **Direct X** seal provides a considerable effective working range, long and reliable service life, and is suitable for both in-service and out-of-service installations.

The **Direct X** shoe support mechanism consists of a durable dual pin configuration delivering sufficient structural rigidity to hold the shoe plate level throughout variable rim spaces while providing the necessary flexibility required to handle extreme dynamic loads and high cycle frequency. The shoe plate is further kept in constant, tight-fitting contact with the tank shell by multiple extended compression elements consisting of hardened spring steel.

These components allow for reliable performance in even the most challenging operational conditions, including large rim gaps and tank shell abnormalities. Every **Direct X** is designed by DirecTank's licensed professional engineers and subjected to DirecTank's rigorous, industry-best quality assurance program. The **Direct X** combines sound engineering, proven technology, and installer-friendly enhancements, all at an economical price with the best lead time and warranty in the industry.

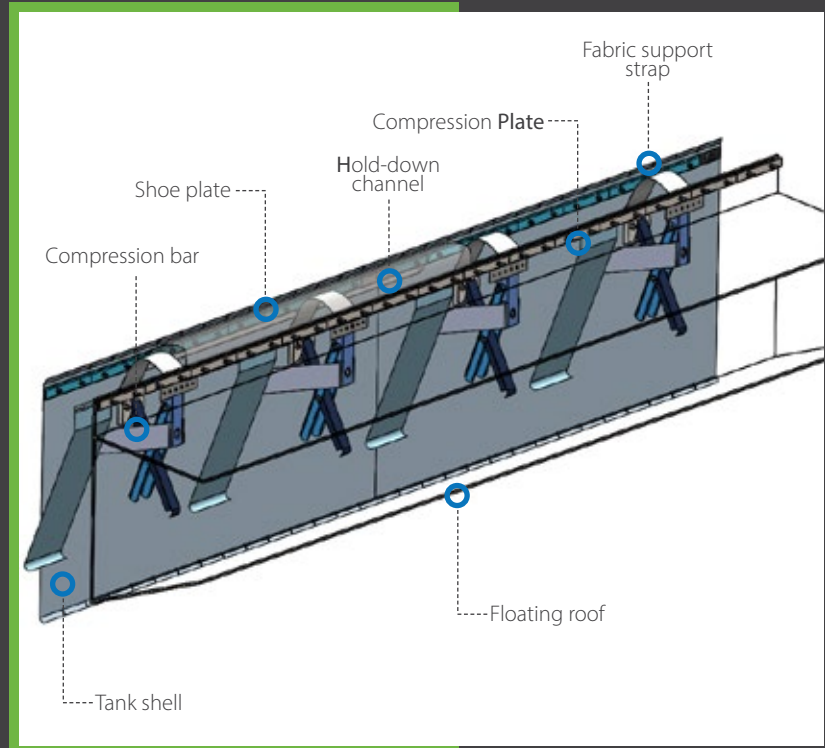
For more information, contact our expert team at **713-673-7701** (Toll Free 800-720-6629) or email [sales@directtank.com](mailto:sales@directtank.com).



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# Key Features

- Customized configuration for each specific tank condition
- Versatile design for fast delivery, installation and optimum performance
- Hardened high-tensile stainless steel spring components, providing continuous, reliable operation
- Extremely durable with excellent working range
- Simply and safely installed with tank in-service or out-of-service
- Premium vapor barrier fabric options, including polyurethane and Teflon®
- Ideal for retrofitting to replace existing underperforming seals



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# Key Benefits

- Excellent shoe compression for tight fit across a wide working range
- Versatile, robust design providing continuous, worry-free operation
- Premium materials with full traceability and independent certification
- Simple, safe installation with all-bolted connections and no necessary hot-work
- Full compliance with all relevant codes and regulations, including the EPA 40 CFR 60 and local Air Quality Management District requirements

# About DirecTank

At DirecTank we maintain one of the largest and most diverse inventories in the industry, reinforced by a robust global supply chain management system. We pride ourselves on being truly customer-focused, with a commitment to high-quality, competitively-priced products delivered within the shortest lead time in the industry. We are the most diverse aboveground storage tank (AST) products company in the business, merging cutting-edge ideas with over 100 years of collective experience that has been acquired from all phases of the AST industry.

DirecTank is a proud member of the DSS Group of Companies, privately owned and operated in Houston, Texas, and we are committed to becoming the most trusted AST Products company in the industry.



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