

Spherical Liquefied Gas Storage Tank

Spherical storage tanks are designed for containing liquefied gases like LNG and LPG. Their design optimizes volume-to-surface area, minimizing heat transfer and maximizing storage capacity.



Product Overview

Industrial Liquefied Gas Containment

These large-scale spherical storage tanks are engineered for the safe containment of volatile liquefied gases, including LNG and LPG. Utilizing a spherical geometry, the design optimizes the volume-to-surface area ratio to minimize thermal transfer and maximize storage efficiency. Built to withstand extreme pressures and cryogenic temperatures, these tanks are critical infrastructure components for petrochemical plants and energy transfer stations.

Technical Specifications

Maximum Single Volume

12000 m³

Volume Capacity

Engineering Capabilities

- Petrochemical facility design
- Gas transfer station infrastructure
- Cryogenic fluid storage
- High-pressure system integration

Safety and Design

Safety and Structural Features

Pressure Relief Valves, Thermal Insulation, High-Pressure Construction, Cryogenic Rated