



Liquid Hydrogen ISO  
Intermodal Containers  
ISO Cryogenic Bulk Liquids

DESIGN | ENGINEERING | MANUFACTURING | PROJECT MANAGEMENT | INSTALL | COMMISSIONING | TRAINING | LIFECYCLE MAINTENANCE

**ENGINEERED FOR RELIABILITY.  
DESIGNED FOR THE FUTURE.**



[www.ChartIndustries.com/Products/ISO-Containers](http://www.ChartIndustries.com/Products/ISO-Containers)





## Reliable, Safe, and Sustainable Hydrogen Solutions

Chart Industries delivers high-performance Liquid Hydrogen (LH<sub>2</sub>) containers engineered for today's most demanding applications. Designed for optimal insulation, minimal hydrogen loss, and ease of handling, our containers provide performance you can trust.

With every container, we aim to:

- Maximize efficiency by reducing hydrogen boil-off rates
- Ensure safety and compliance with international standards
- Support sustainability by minimizing hydrogen waste
- Deliver durability that lowers long-term operating costs

Trusted in over 60 countries, Chart Industries delivers LH<sub>2</sub> ISO containers engineered for superior performance, uncompromising safety, and exceptional reliability in the transport of cryogenic liquids.

## Liquid Hydrogen ISO Intermodal Containers

Chart's Liquid Hydrogen ISO Intermodal Containers offer the most efficient and reliable method of transporting hydrogen worldwide—by ship, road, or rail.

Built with our industry-leading cryogenic expertise, these containers combine advanced engineering, rugged construction, and uncompromising safety.

### Key Benefits

- Seamless intermodal transport worldwide
- High-strength, durable design for long-term reliability
- Fully compliant with global cryogenic safety standards
- Optimized for ease of handling and logistics

### Technical Specs

- Tare weight: 31,300 lbs / 14,200 kg (ASME), 13,000 kg (EN)
- Certifications: ADR, IMDG, ISO 1496-3, ASME VIII-1, CSC, UN T75, DOT 49 CFR, RID

When safety, compliance, and reliability matter most, Chart sets the global standard in liquid hydrogen transport.



# Innovating the Future of Cryogenic Transport

Chart Industries continues to expand its global portfolio through strategic acquisitions, including Howden, strengthening our ability to deliver integrated solutions for hydrogen, LNG, carbon capture, and water treatment.

Our portfolio also includes advanced liquid helium ISO Intermodal containers, engineered to reduce boil-off gas and evaporation losses—ensuring efficient, safe, and reliable transportation.

## Hydrogen Energy

With Chart's deep cryogenic expertise and Howden's proven compression technology, we are your ideal partner for delivering both gaseous and liquid hydrogen solutions across the entire value chain. Hydrogen presents unique challenges in safe and economical storage and distribution. By integrating the core capabilities of Chart and Howden, we've developed highly innovative solutions that prioritize safety, reliability, availability, and footprint optimization—while ensuring the lowest total cost of ownership for our customers.



Chart Inc.

[www.chartindustries.com/products/ISO-Containers](http://www.chartindustries.com/products/ISO-Containers)

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