

YOUR **SMART** LPG SOLUTION



HAIKONG
COMPOSITE MATERIAL



**Reduce Weight
Enhance Safety
Increase Lifespan**

www.haikong.com Made in China

Shandong Chanyan Haikong Composite Material Co.,Ltd

Global Leader in LPG Composite Cylinder Solutions

As a world-leading innovator in LPG composite cylinders and production line solutions, Haikong composites LPG(Liquefied Petroleum Gas) storage technology through our proprietary structural designs. Unlike conventional LPG steel cylinders, our advanced composite solutions deliver

Key Differentiators

- ✓ Superior Pressure Resistance - Engineered for exceptional structural integrity under high pressure
- ✓ Leak-Proof Performance - Patented triple-seal technology ensures perfect gas containment
- ✓ Extended Service Life - Robust composite materials outperform traditional alternatives

Certified Excellence

Haikong composite LPG cylinders are dual-certified to both standards

- ISO 11119-3:2013
- EN 14427:2022

Global Reach

Trusted by clients across 40+ countries, our cylinders set new benchmarks for safety and reliability in the LPG industry.



1. Plastic Liner

Corrosion Proof
Leak-Tight Seal
Lightweight:
Enhanced Safety
Impact & Chemical Resistant

Forms the essential inner vessel, enabling the composite cylinder's weight savings, corrosion resistance, and inherent safety benefits.

2. Glass Fiber

High Burst Pressure
Outstanding Fatigue Resistance
Tailored Design Flexibility

Creates a lightweight, ultra-strong, and durable structural shell that safely contains high-pressure LPG.



3. Proprietary Sealing Design

Haikong's LPG composite cylinders feature a globally unique triple-seal configuration. This innovative design significantly enhances the cylinder's structural integrity and leak-proof safety performance

4. Outer Casing

Impact & Abrasion Resistance
UV & Environmental Protection
Mechanical Damage Prevention
Enhanced Durability
Improved Aesthetics & Surface Finish

Essential protection ensuring the long-term structural integrity, safety, and reliability of the composite cylinder in real-world conditions.

Choose Haikong for reliable, economical, and eco-friendly LPG solutions



Lightweight Design

Composite materials significantly reduce weight by 30-50% vs. steel cylinders, enhancing portability and handling efficiency for users.



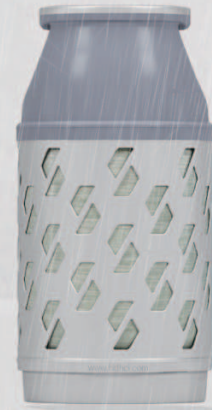
Enhanced Safety

Built with impact-resistant composite shells and protective layers, they prevent explosions. Fully compliant with EN 14427 safety standards.



Visual Content Monitoring

Transparent outer layers or embedded gauges enable real-time liquid level checks, eliminating guesswork during refills.



Corrosion Resistance

Non-metallic composites inherently resist rust and chemicals, ensuring longevity even in humid/saline environments.

Technical Specifications



WATER CAPACITY	12.5L	18.2L	24.5L	26.2L	27.4L	33.5L
Propane Capacity (kg)	5.0	7.5	10.0	11.0	11.5	15
Butane Capacity (kg)	6.0	9.0	12.0	13.0	13.5	16.5
Empty Weight * (kg)	4.28	5.25	6.3	6.58	6.79	8.2
Height (mm)	417	501	604	628	655	748
Diameter (mm)	305	305	305	305	305	305
Service Pressure (bar)	21	21	21	21	21	21
Test Pressure (bar)	32	32	32	32	32	32

***without valve**



COOKING



BARBECUE



HEATING



MARINE



RECREATIONAL
VEHICLES



FORK-LIFT TRUCKS



LAWN-MOWING



CONSTRUCTION



GENERATOR

Redefining LPG with Confidence and Innovation

At HaiKong, we engineer advanced LPG solutions to make gas usage simpler, safer, and more reliable—empowering you to focus on life's most important moments. Our lightweight, ultra-durable composite cylinders set new standards for safety and portability, delivering peace of mind across every application.

Trusted worldwide, HaiKong cylinders excel in domestic and leisure settings:

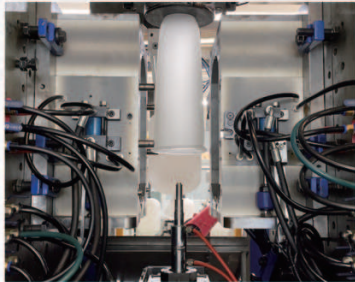
- Cooking | Barbecue
- Heating | Marine
- Recreational Vehicles

And power critical industrial operations:

- Fork-Lift Trucks | Construction
- Lawn & Landscape Equipment
- Material Handling | Emergency Power

HaiKong: Where cutting-edge technology meets everyday reliability. Experience freedom across every horizon.

Manufacturing Process of Haikong LPG Composite Cylinder



Plastic Liner Blow Molding



Pre-processing Workstation



Plastic Liner Cooling and Solidification



Plastic Liner Weight Inspection



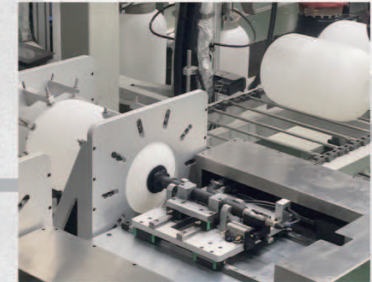
Pressure Test



Glass Fiber Winding



Plastic Liner Staging Buffer



Valve Seat Welding



**Shandong Chanyan Haikong
Composite Material Co.,Ltd**
Add: No. 2877 Shengfu Road,
Shengjing Street, Zhangqiu District,
Jinan, Shandong, China

Tel: +86 13325126331
Email: sales@hkfhcl.com
Website: www.hkfhcl.com



Haikong composite cylindres are 100% made in China

