



Maintenance Free, Lightweight, Durable Composite Cylinders

COMPOSITE CYLINDERS ARE MODERN
ALTERNATIVE TO STEEL CYLINDERS.



The new generation of **100%** explosion proof
LPG Composite Cylinders.



Visit Website
www.superindiagroup.com

Superlite



About Us

Because Your Safety Is Our Priority

Superindia Composites Pvt Ltd is a Goa , India based leader in Glass and Carbon Fiber Composite manufacturing, delivering high-growth performance, a wide product range, strong global outreach, and adherence to top-tier quality standards. Since 2008, We have steadily evolved into a trusted partner across telecom, infrastructure, defence, energy(LPG) and industrial sectors. We manufacture LPG Composite Cylinders at state-of-the-art manufacturing facility at Goa under the brand name of **SuperLite LPG** and exporting all over the world.

The Composite Cylinders are available in multiple sizes and can be delivered with a variety of different valves for different uses with vapour or liquid outtake. The cylinders can be customized for each geography based on volume considerations including logo embossing and screen printing at no additional cost.



Technical Specifications

Innovation and Safety



BLOW MOLDED HDPE LINER



FIBRE GLASS COMPOSITE LAYER WITH RESIN



DURABLE BOSS AND BUNG HOUSE



CUSTOMIZED POLYMERIC HEAVY DUTY OUTER CASING



LOGO OR BRAND NAME EMBOSSING



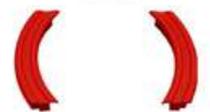
We comply to wide range of international standards and approvals like ISO 11119-3, EN 14427



Periodic inspection to be done every 5 years in accordance with ISO 11623



Our cylinders are fully recyclable.



LPG COMPOSITE CYLINDERS- A MODERN ALTERNATIVE TO STEEL CYLINDERS

Steel Cylinders

- ✓ Prone to explosions
- ✓ Heavy in weight
- ✓ High Maintenance and Logistics cost
- ✓ Can't see the level of LPG
- ✓ Prone to rusting and stain surfaces



VS

Composite Cylinders

- ✓ Blast proof (No BLEVE)
- ✓ Nearly Half in weight for easy handling
- ✓ Low maintenance cost and better truck utilization
- ✓ Can check gas level eliminating inaccurate gauges
- ✓ Non corrosive and no stain surfaces



With our aesthetically pleasing composite cylinders, you can increase your pricing power, build customer preference, market share and strengthen your brand.



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Household Cooking

Super Smart and Safe Cylinder for Smart kitchens

LPG composite cylinders are a modern alternative to traditional steel cylinders, offering enhanced safety, convenience, and design suited perfectly for everyday household use. Unlike steel, composite materials do not rust, reducing the risk of gas leaks due to corrosion.



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Unique Range of Benefits

- ✓ 50% lighter than conventional steel cylinders, making them easy to lift, carry, and connect—ideal for women, elderly users, and small households.
- ✓ Ergonomic handles and compact design ensure safer and easier handling in kitchens with easy regulator fixing.
- ✓ Cylinders do not BLEVE and have 50% higher burst pressure than steel cylinders : increased safety in kitchens.
- ✓ See-through body: Allows users to check the gas level at a glance, helping avoid unexpected empty cylinders during cooking.
- ✓ Recyclable: Composite materials are environmentally friendly and support sustainable living
- ✓ Stylish design: Sleek look fits seamlessly into modern kitchens.
- ✓ No rust, no stains: Keeps your floors and kitchen clean.





Forklift Cylinders

LPG-powered forklifts are valued for their consistent performance and fast refueling. Using composite LPG cylinders takes these benefits a step further by adding safety, efficiency, and operational ease—especially in industries where uptime and worker safety are top priorities.



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Compelling Features

- ✓ Composite cylinders are up to 50% lighter than steel, reducing the load on the forklift and making cylinder changes quicker and less physically demanding for operators.
- ✓ Composite cylinders feature a translucent body, letting operators visually check gas levels—preventing mid-operation run-outs and improving productivity.
- ✓ Rust-free design prevents leakage and degradation—ideal for outdoor, humid, or corrosive environments.
- ✓ In the event of fire or overpressure, composite cylinders vent gas gradually rather than exploding.



- ✓ Withstands extreme temperatures - 40 degrees to + 65 degrees, making them suitable for both indoor and outdoor forklift operations.
- ✓ Resistant to impacts, vibrations, UV exposure, and chemicals—perfect for warehouses, construction sites, ports, and factories.
- ✓ Helps reduce downtime and injury risk due to manual handling.
- ✓ Comply with international safety standards (ISO 11119-3, EN 14427).



Major applications



Commercial Cooking
(Hotels & Restaurants)



Food Trucks &
Outdoor Catering



Recreational
Vehicles (RVs)



Marine and
Boating



Portable Stoves, Heaters,
and BBQ Grills



Room Heating &
Lighting



Patio
Heating



Technical Specification

S.NO	TECHNICAL DETAILS	MODELS				
		SI 24L	SI 26L	SI 30L	SI 36L	SI 47L
1	Design Temperature	-40 TO 65°C				
2	Water Capacity of Cylinder	24.5 L	26.2 L	30 L	36.6 L	47.5 L
3	Butane Capacity	12 KG	12.9 KG	14.4 KG	18 KG	24 KG
4	Propane Capacity	10 KG	10.7 KG	12 KG	15 KG	20 KG
5	Empty Weight of Cylinder With Out Valve	5.6 KG	5.9 KG	6.1 KG	7.8 KG	9 KG
6	Overall Height of Cylinder	565 MM	595 MM	645 MM	710 MM	860 MM
7	Outer Diameter	308 MM	308 MM	308 MM	331 MM	331 MM
8	International Standards and Approvals	ISO11119-3 EN 14427				

* Note: EN 12245 is no longer in use

The Composite cylinders comes in the following LPG capacities.



Disclaimer : Depends on LPG Capacity. Actual filling may vary.



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Contact & Consultation



More Information:



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