

4.5Kg Butane Cylinder

The 4.5Kg Butane Flogas cylinder is a compact, lightweight, and versatile LPG (liquefied petroleum gas) solution designed for portable cooking, heating, and leisure applications. Ideal for campers, caravanners, boaters, and small outdoor appliances, this cylinder offers reliable performance in a conveniently portable size. It is widely chosen by customers who require an efficient and clean burning fuel source for travel, leisure, and emergency use.



Technical Specifications

Product Name: 4.5Kg Butane Cylinder (Flogas)

Gas Type: Butane (C₄H₁₀)

Capacity: 4.5 kilograms of liquefied butane

UN Number: UN 1011 – Butane - **Hazard Class:** Class 2.1 – Flammable Gas

Cylinder Material: High grade steel with corrosion resistant, powder coated finish

Valve Type: Standard Flogas Butane valve (clip on type)

Dimensions: Approx. height: 34–38 cm; Diameter: 22–24 cm

Empty Cylinder Weight: Approx. 4–5 kg

Total Filled Weight: Approx. 8.5–9.5 kg

Colour: Gold (typical Flogas butane cylinder colour)

Pressure at 15°C: 1.5–2.0 bar

Connection: Clip on regulator fitting (compatible with Flogas butane regulators)

Certification: EN 1442 / ISO 22991 / BS 5045 compliant

Key Features

Portable Size: Small, easy to carry, and simple to store ideal for mobile and leisure use.

Durable Construction: Reinforced steel body ensures long term structural strength.

Safe Operation: Fitted with an overpressure safety valve and compliant with EU safety standards.

Clean Burning Fuel: Produces low emissions, minimal smoke, and no strong odour.

Reusable & Sustainable: Fully refillable and exchangeable via authorised Flogas distributors.

Applications

Outdoor Cooking: Suitable for portable stoves, single burner cookers, and BBQs.

Caravanning & Camping: Ideal for caravan cookers, heaters, and camping appliances.

Leisure & Recreation: Perfect for picnics, tent heating (with appropriate appliances), and boating.

Emergency Use: Provides reliable backup fuel for heating and cooking during power outages.



Handling and Storage

Store cylinders upright in a cool, well-ventilated area away from direct sunlight. Never store indoors in living spaces, cupboards, or unventilated rooms. Ensure valve is closed securely when not in use. Do not attempt to refill the cylinder yourself use authorised Flogas suppliers. Check for leaks using a soapy water solution; never use open flames.

Safety Precautions

Do not use the cylinder if dented, corroded, or showing signs of damage. Use only with compatible Flogas butane regulators and hoses. Keep out of reach of children and pets. In case of suspected leak, move the cylinder outdoors immediately and contact emergency services. Always operate the cylinder upright; never on its side. Avoid exposing the cylinder to flames, sparks, or extreme temperatures.

Regulatory Compliance

The 4.5Kg Butane Flogas cylinder meets EN 1442 standards for LPG cylinders and ISO 22991 for butane gas safety. Each cylinder undergoes rigorous inspection, pressure testing, and batch identification to ensure traceability and continued compliance.

Environmental Impact

Butane LPG is a cleaner alternative to many solid fuels, producing fewer pollutants and particulates. Flogas' refill and exchange system reduces environmental waste, and steel cylinders are fully recyclable when returned at end of life.

Product Life Cycle and Maintenance

Expected Life Span: 10–15 years with correct handling.

Inspection Frequency: Recommended every 5 years.

Maintenance: Keep exterior and valve clean; avoid impacts or corrosion.

End of Life: Return to an authorised Flogas distributor for safe disposal or recycling.

Instructions for Use

1. Inspect cylinder and valve before connecting to appliance.
2. Confirm appliance compatibility with butane and Flogas regulator type.
3. Attach clip on regulator securely and check hose connections.
4. Open valve slowly and perform a leak test.
5. Operate appliance according to manufacturer instructions.
6. After use, close the valve fully and disconnect once cool.





Ordering and Exchange Information

Available through authorised Flogas distributors and retail outlets.

Exchange service available return empty cylinder for a filled replacement.

Delivery and collection options may vary by region.

Contact Flogas customer services for bulk or commercial supply.

Frequently Asked Questions (FAQs)

Q: Can I use a 4.5Kg butane cylinder indoors?

A: Only with appliances specifically approved for indoor butane use and with proper ventilation.

Q: How long does a 4.5Kg cylinder last?

A: Typically 8–12 hours depending on appliance consumption and regulator type.

Q: Does butane expire?

A: No when stored correctly, butane remains stable indefinitely.

Q: Can I transport it in a car?

A: Yes, ensure it is upright, secure, and not left in direct heat.

Q: What regulator do I need?

A: A Flogas compatible clip on butane regulator.

Contact Information

For product enquiries, safety advice, or technical support, please contact Fix and Weld the authorised Flogas agent on Tel. 01453756393 or sales@fixandweld.com

Legal Disclaimer

This datasheet is intended for guidance only. Users must comply with local and national LPG regulations. Always follow appliance manufacturer instructions and seek professional support when necessary.

