



# 11Kg Propane FLT Cylinder

## Product Overview

The 11Kg Propane Flogas FLT (Forklift Truck) cylinder is a heavy duty LPG (liquefied petroleum gas) solution specifically designed for forklift trucks and industrial equipment requiring liquid off take. Equipped with a standard FLT liquid withdrawal valve, this cylinder delivers consistent liquid phase propane for high demand engines and machinery. Robust, reliable, and built for commercial operation, it is widely used in warehouses, logistics environments, factories, and outdoor industrial settings.

## Technical Specifications

- **Product Name:** 11Kg Propane FLT Cylinder (Flogas)
- **Gas Type:** Propane (C<sub>3</sub>H<sub>8</sub>)
- **Capacity:** 11 kilograms of liquefied propane (liquid withdrawal)
- **Cylinder Material:** High grade steel with corrosion resistant, powder coated finish
- **Valve Type:** FLT Liquid Withdrawal Valve (side spindle / service valve)
- **Orientation: Horizontal operation** (must be used in correct forklift cradle position)
- **Dimensions:** Approx. height: 58 cm; Diameter: 31.5 cm
- **Tare (Empty) Weight:** Stamped on cylinder collar (varies by batch)
- **Total Filled Weight:** Approx. 24 kg
- **Colour:** Red (standard UK propane colour)
- **Pressure at 15°C:** Approx. 7–8 bar
- **Connection:** Liquid withdrawal FLT connector (not POL)
- **Certification:** EN 1442 / ISO 22991 / BS 5045 compliant

## Key Features

- **Engine Ready Supply:** Provides liquid phase propane required for forklift internal combustion engines.





- **High Capacity:** Longer run time for FLT operations compared to smaller cylinders.
- **Durable Industrial Build:** Engineered to withstand warehouse, logistics, and commercial environments.
- **Safety Engineered:** Fitted with excess flow and overpressure protection in accordance with FLT safety standards.
- **Consistent Performance:** Reliable liquid withdrawal ensures smooth fuel delivery and stable engine operation.
- **Sustainable:** Fully refillable and exchangeable via authorised Flogas suppliers.

## Applications

- **Forklift Trucks (LPG models)** primary application.
- **Material Handling Equipment** requiring liquid LPG feed.
- **Industrial / Warehouse Use** where continuous engine fuel supply is essential.
- **Construction & Outdoor Operations** using FLT compatible engines.
- **Backup Fuel Supply** for industrial LPG engine systems.

## Handling and Storage

- Store cylinders upright when in storage, but use horizontally in the correct FLT mounting position.
- Do not store in living spaces or enclosed unventilated rooms.
- Keep valve securely closed when not in use.
- Never attempt to refill cylinders yourself use authorised Flogas industrial suppliers.
- Check for leaks using a soapy water solution; never use open flames.
- Keep cylinders away from heat, sparks, flames, and impact hazards.

## Safety Precautions

- Use **only** with FLT systems designed for liquid off take cylinders.
- Ensure correct orientation: valve uppermost when mounted horizontally.





- Do not use if the cylinder appears damaged, corroded, leaking, or excessively worn.
- Only trained personnel should connect or replace FLT cylinders.
- Keep away from children, unauthorised personnel, and ignition sources.
- Immediately remove from service if a leak or valve fault is suspected.

## Regulatory Compliance

The 11Kg Propane Flogas FLT cylinder complies with:

- **EN 1442** – LPG cylinder construction and testing
- **ISO 22991** – LPG pressure vessel safety
- **BS 5045** – Cylinder structural integrity and markings

Each cylinder is batch tested, pressure inspected, and stamped for full traceability.

## Environmental Impact

Propane LPG provides lower emissions compared to traditional fuels used in industrial machinery. Flogas' cylinder exchange system promotes reusable steel packaging, reducing environmental waste. Cylinders are fully recyclable at the end of their service life.

## Product Life Cycle and Maintenance

- **Expected Lifespan:** 10–15 years depending on inspection and handling.
- **Inspection Frequency:** Recommended every 5 years.
- **Maintenance:** Keep cylinder exterior and valve clean; avoid impacts and corrosion exposure.
- **End of Life:** Return to authorised Flogas dealer for safe disposal or recycling.

## Instructions for Use

1. Inspect cylinder, valve, and O ring before connecting.
2. Ensure forklift is switched off and parked safely.
3. Position the cylinder horizontally with valve topmost in the FLT bracket.
4. Connect liquid withdrawal hose securely.





5. Open valve slowly and check for leaks.
6. Operate forklift as normal.
7. After use, close valve fully and disconnect once cool.

## Ordering and Exchange Information

- Available from authorised Flogas industrial distributors.
- Exchange service available return empty cylinder for a full replacement.
- Delivery and collection services may vary by region.
- Contact Flogas customer services for commercial or fleet supply.

## Frequently Asked Questions (FAQs)

- **Q: Can I use an 11Kg FLT cylinder on a standard propane appliance?**

**A:** No FLT cylinders use liquid withdrawal and must only be used with compatible LPG engines.

- **Q: How long does an 11Kg FLT cylinder last?**

**A:** Depends on forklift engine size and load; typically 6–10 hours of operation.

- **Q: Can I transport FLT cylinders in a van?**

**A:** Yes ensure they are upright, secure, ventilated, and not exposed to heat.

- **Q: What regulator does it use?**

**A:** None FLT cylinders connect directly via an LPG liquid feed system.

## Contact Information

For product enquiries, safety advice, or technical support, please contact Fix and Weld your authorised Flogas agent Tel. 01453 756393.

## Legal Disclaimer

This datasheet is provided for informational purposes only. Users must comply with all local and national LPG regulations. Always follow forklift manufacturer instructions and seek qualified technical support when necessary.

