

Flamoff - P50

P50 Composite
Fire Extinguisher:
Everything
Made Simple.



 **PATENTED**

 OVER 50 YEARS
MANUFACTURING

 MADE IN
GREAT BRITAIN



Flamöff-P50

Quality is our ultimate goal across the entire range, making it easy for the end user to operate and reducing the risk of incorrect application.

Flamöff-P50 extinguisher provides advanced fire protection to cover most fire risks in one simple, easy and affordable solution.

Super Powder

The super powder fire extinguisher is designed to be installed in areas where there are a variety of fire hazards and where fast extinguishing is required. The super powder fire extinguishers can tackle fires on Class A materials, wood, paper and textiles, Class B fires, those fuelled by oils, paints, solvents and petrochemical products as well as on Class C flammable gas fires. It is safe to use on live electrical equipment up to 1000 volts at a distance of 1m. Operational temperature range from -20°C to +60°C.

Model	Type	Capacity	Fire Class	Temperature Range	Weight (kg)	Fire Ratings
FM-P50/2SP	Powder	2kg	A, B, C & Electrical	-20° to + 60°C	2.74	13A, 55B
FM-P50/6SP	Powder	6kg	A, B, C & Electrical	-20° to + 60°C	8.5	43A, 233B
FM-P50/9SP	Powder	9kg	A, B, C & Electrical	-20° to + 60°C	11.7	55A, 233B

Long-Life Performance Guaranteed

Manufactured with over 50 years' experience, the P50 is BSI Kitemark, EN3, PED, and MED approved. Each and every P50 comes with a:

- 20-year life cycle
- 10-year operational corrosion guarantee
- 10-year manufacturing faults and workmanship guarantee
- Patented Design

EN3 Fire Rating Guide



The P50 extinguishers are tested at Britannia Fire's test facilities, witnessed by the European inspection authority Apragaz and BSI.

The extinguishers are approved under EN3 with additional testing to the EN composite gas cylinder regulations.

- A 12,000 cycle test is 0 to 25 Bar, 12,000 times, after which the unit must complete the crush and burst tests to a minimum of 55 Bar.
- The drop test comprises of a complete extinguisher (pressurised to 22 Bar) which is dropped from a height of 3 metres with no discharge of gas or contents.
- The fire resistance test requirement is for the extinguisher to be suspended over a wooden crib and a tray of heptane placed underneath to light the crib. Once alight there must be no rupture of the body for 2 minutes.
- The P50 is charged with 5% helium and 95% nitrogen and leak tested to a level of 1/2 bar over 11 years.

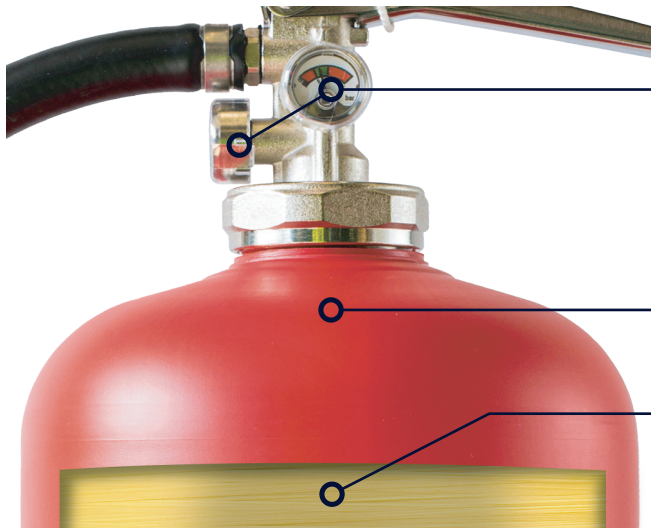
**suitable for spillage fires, witnessed by BSI*

Leading Fire Technology

Flamoff-P50 fire extinguishers employ the design technology of composite materials pioneered across many industries.

The main construction of the Flamoff-P50 is High-Density Polyethylene with an Aramid fibre material wound onto the inner cylinder, it is strong and incredibly light. The Aramid fibre type material is also used in butane/ propane gas bottles, towing ropes, bulletproof vests, fire-proof gloves and many other products.

British-made, the Flamoff-P50 extinguishers incorporate three patented elements - the weave, blow moulded inner body and a locking neck ring. The outer body is UV protective. The operational valve has double pressure indicators to ensure cross calibrating.



Indicators

There are 2 indicators giving a double check on pressure. Each indicator can be checked with a magnet to ensure pressure is accurate.

UV protective outer casing

Aramid fibre Kevlar[®]

Aramid fibre Kevlar[®] type material wound on inner bottle for super strength

Simple In-House Annual Inspection

The extinguisher maintenance programme is a simple process which staff members can easily carry out.

- If an indicator is in the **RED** segment return to manufacturer or appointed distributor.
- Check the tamper seal is in place. If tamper seal is missing, contact manufacturer or distributor.
- Remove any dust with a clean cloth. Turn upside down to inspect base and locate testing magnet.
- Check both indicators with a magnet to confirm operation.
- Moving magnet from side to side needle should move then return to **GREEN** segment. Return magnet to base.
- Check date is within 10 year operational lifespan (colour coded stud in base gives year of manufacture).

At 10 years return to manufacturer or distributor for manufacturers overhaul to extend the lifespan by a further 10 years.

- Record yearly inspection date into logbook and mark extinguisher body with permanent marker pen.



A Greener Future

Continually inventing to save lives and the environment.

Flamoff-P50 offers a **greener, lighter, stronger and safer alternative** to traditional extinguishers.



Less Energy to manufacture

We use less energy to manufacture and recycle the Flamoff-P50, generating a much lower carbon footprint than equivalent steel extinguishers.



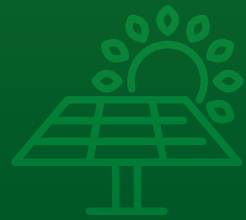
Recyclable

Every element of the Flamoff-P50 can be re-used or recycled (other than foam contents).



Lower Carbon footprint

The Flamoff-P50 helps to contribute to less vehicles on the road by not needing service engineers to visit, in turn this completely eliminates the service engineer's carbon footprint and helping the environment.



Solar Power

Most of the power used to manufacture the Flamoff-P50 comes from our in house Solar panels.



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EN3

