



FIRE & SECURITY



P50 COMPOSITE EXTINGUISHER THE NEW GENERATION



BRITANNIA FIRE

YOUR CHOICE Fire & Security
in partnership with Britannia Fire

THE MOST TECHNOLOGICALLY ADVANCED FIRE EXTINGUISHER

THE P50 COMPOSITE EXTINGUISHER

- 10 year operational corrosion guarantee
- 10 year quality assurance on material defects and workmanship
- 20 year life cycle
- No service contract required
- Requires only one manufacturers overhaul at 10 years
- A yearly visual maintenance inspection, checking indicators with the magnet
- Recyclable
- Super strength Aramid (Kevlar®) type material yarn
- Lightweight for ease of operation
- Kitemark, PED, MED and EN3 approved
- Manufacturer ensures safe disposal of contents when required
- UV protection of the outer casing
- QA laser serial number on outer casing
- Operating valve – nickel plated brass
- A.B.C. multi class rating
- World recognised patented design



10 YEAR QUALITY ASSURANCE

10 YEAR CORROSION GUARANTEE



LEADING THE WORLD IN FIRE TECHNOLOGY

This unique P50 foam and powder fire extinguishers employ the design technology of composite materials pioneered by the aerospace and motor racing industries.

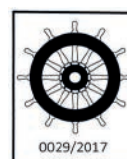
The main construction of the P50 is a High-Density Polyethylene Aramid fibre (Kevlar®) type material woven onto the body, it is strong and incredibly light. The Aramid fibre type material is also used in butane/propane gas bottles, towing ropes, bullet-proof vests, fireproof gloves and many other products.

British-made, the 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.

P50 CERTIFICATION APPROVED IN MANY COUNTRIES:



EN3



The indicator can be checked with a magnet to ensure pressure is accurate.

Aramid fibre Kevlar® type material woven on inner bottle for super strength.

UV protective outer casing.



OPERATIONAL SAFETY

The powerful P50 will reduce the number of extinguishers required on your vessel as it covers multiple risks. Multi-risk extinguishers avoid confusion in a panic situation.

THE P50 MODELS / FIRE RATINGS

	Size Capacity	Contents	Marine Part No.	Types of Fire	Fire Rating	Filled Weight	Height (mm)	EN3 Approved
Foam	2ltr	BSX ASX	P50F2M	ABE	8A/55B	2.8	410	Yes
Powder	2kg	ABC40	P50P2M	ABCE	13A/55B	2.74	410	Yes
Foam	6ltr	BSX ASX	P50FM	ABE	34A/183B	8.5	570	Yes
Powder	6kg	ABC40	P50PM	ABCE	43A/233B	8.5	570	Yes
Foam	9ltr	BSX ASX	P50F9M	ABE	43A/233B	11.7	640	Yes
Powder	9kg	ABC40	P50P9M	ABCE	55A/233B	11.7	640	Yes

P50

FIRE FIGHTING PRODUCTS

NEW GENERATION

Tyco has chosen to provide six types of P50 extinguishers in the form of foam and powder. High fire ratings give very advanced fire protection covering all risks.

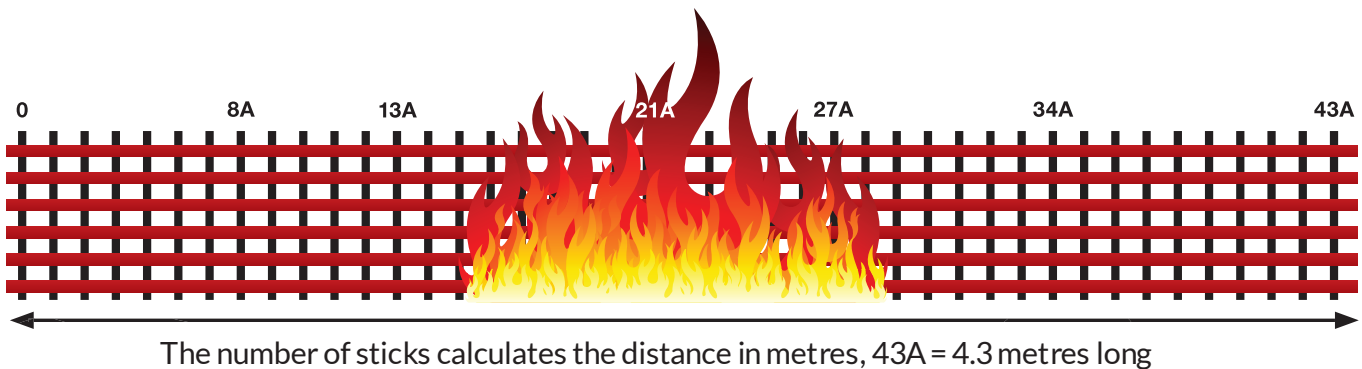
P50 BSX ASX FOAM

The Fluoro Factant Free Foam fire extinguisher has excellent fire fighting capabilities making it effective on Class A materials, wood, paper and textiles and Class B fires fuelled by paints, solvents, oils and petrochemical products. The unit has also passed the EN3 test for use on live electrical equipment up to 1000V at a distance of 1m. Operational temperature range from +5°C to +60°C. Frost protection to -5°C is available.

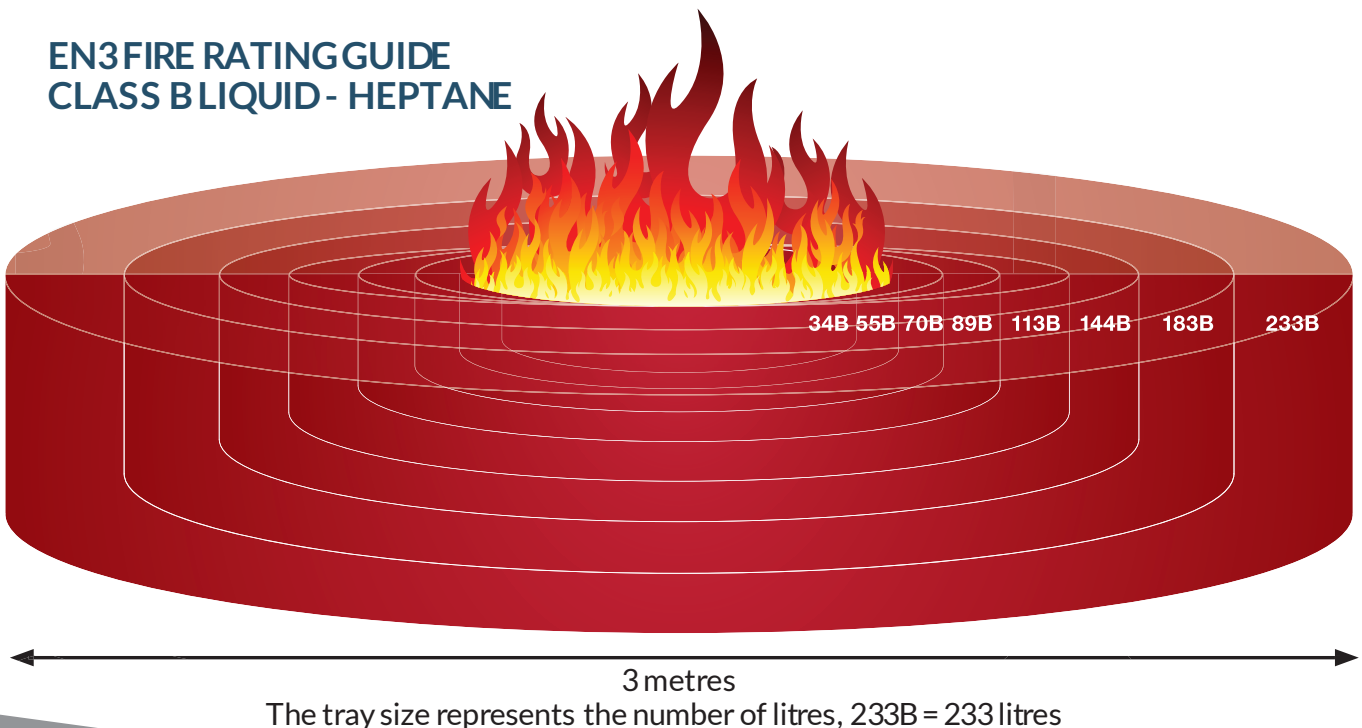
P50 ABC40 POWDER

The ABC40 Powder fire extinguisher is designed to be installed in areas where there are a variety of fire hazards and where fast extinguishing is required. ABC40 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.

CLASS A WOOD - PINUS SILVESTRIS



EN3 FIRE RATING GUIDE CLASS B LIQUID - HEPTANE



SIMPLE IN-HOUSE ANNUAL VISUAL INSPECTION

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

- If an indicator is in the **RED**, top up unit to correct working pressure.
- Remove any dust with a clean cloth. Turn upside down to inspect base and locate testing magnet.
- 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.
- Check the tamper seal is in place. If tamper seal is missing, contact manufacturer or distributor.
- Check indicator with a magnet to confirm operation. Moving magnet from side to side needle should move then return to **GREEN** segment. Return magnet to base.
- Record yearly inspection date into logbook and mark extinguisher body with permanent marker pen.

P50 MARINE

P50 Marine has a Schrader valve fitted allowing easy refilling on-board vessels with the use of additional accessories.

P50 PERFORMANCE +++

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 drop test comprises of a complete extinguisher to be placed on a wall bracket, with 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, (safe venting is allowed).
- The leak test carried out with helium ensures leaking is down to a level of ½ Bar over 11 years.



FIRE & SECURITY



P50 Marine – Magnetic pressure test



P50 Marine Schrader Valve for refilling

DISCOVER

HOW TO SAVE MONEY

WITH THE P50 FIRE EXTINGUISHER

BENEFITS OF THE P50

The P50 extinguisher range represents a new and improved generation of fire extinguishers. With massive cost saving benefits, reduced weight and lower environmental impact, P50 extinguishers provide the first truly sustainable option whilst also offering enhanced performance and financial benefits

NO NEED FOR ANNUAL ENGINEER SERVICE

The main expense in relation to fire extinguisher provision is not the initial purchase price, but the cost of paying a third party to maintain the equipment. P50 fire extinguishers enable your business or organisation to carry out your own maintenance with a simple annual visual inspection, giving substantial savings year after year.

10 YEAR OPTIONAL CORROSION GUARANTEE

10 year Quality Assurance

P50 fire extinguishers are manufactured in the UK to the very highest standards. The exceptional quality of our products allows us to offer an industry leading 10 year quality assurance on material defects and workmanship across the entire P50 range with absolute confidence.

KITEMARKED BY BSI AND MED APPROVED

The complete range of P50 fire extinguishers has been manufactured to the highest quality, many approved under the Kitemarked scheme by the British Standards Institute to the globally acknowledged manufacturing standard BS EN3 and MED (Marine Equipment Directive) approved.

10 YEAR OVERHAUL

P50 fire extinguishers need to be factory refurbished after 10 years to extend their lifespan by a further 10 years.

CALCULATE

Calculate how much you can save by removing the service annual requirement/contract.

Call one of our sales team on: 01977 277 242



YOUR CHOICE Fire & Security

YCH Group Ltd. 1 Ford Street,
Kinsley, Pontefract WF9 4ED

t: 01977 277 242

e: sales@yourchoicefireandsecurity.co.uk

www.yourchoicefireandsecurity.co.uk

FIRE & SECURITY