

# Corrosion Free Fire Extinguisher P50P6



## P50P6 ABC Powder



ABC 40 powder is a combination of Mono-ammonium phosphate and ammonium sulphate.

On Class A fires the particles fuse and swell to form a barrier which excludes oxygen and prevents re-ignition. On Class B fires the powder interferes with the chemical reactions, thus the flame ceases to exist.

The powder is nonconductive.

ABC 40 powder will extinguish Class A (carbonaceous) fires, Class B (flammable liquid) fires and Class C (flammable gas) fires.

## Features

- Manufactured in Great Britain 
- Britannia offer a 10 year quality guarantee against material defects and workmanship
- 20 year life
- Lightweight for ease of operation
- Requires only a yearly in-house compliance inspection using gauge check with magnet
- Composite material gives a corrosion free product
- 100% recyclable 
- 100% UV protected
- World recognised patented design
- Main approvals and certifications as below

POWDER



EN3



## TECHNICAL SPECIFICATION

Model	Capacity (Kg)	Fire Rating	Full Weight (Kgs)	Temp Range	Operating Pressure (Bar) @ 20°C	Discharge Duration (Secs)	Discharge Range (M)	Diameter (mm)	Height (mm)
P50P6	6	34A/183B	8.5	-20° to + 60°C	12	20	5+	178	570

## SPECIFICATIONS

Operating Pressure @ 20°C	12bar
Test Pressure (PT)	22bar
Maximum Allowable Pressure (PS)	15.38bar
Minimum Burst Pressure	55bar
Cylinder Material	HDPE with Aramid Winding (Kevlar®)
Operating Head Material	Brass C3771 - Nickel Plated
Hose and Nozzle	Hose - EPDM Synthetic Rubber

## COMPONENT PARTS

Item	Description	Part No.
A	Headcap Assembly	P50-HC-ASS
B	Hose Assembly and Nozzle	P50-HO-ASS
C	Oetiker Clip	BRO540 & 541
D	Transport Bracket and Strap	P50-TB6
-	(ABC40) 6kg Power Refill	P50-DP6
-	Wall Bracket Normal	P506-BRACKET
-	Wall Over Bracket	P50 OVER-BRACKET

## YEAR OF MANUFACTURE COLOUR CODES STUD CHART

BLACK	2016
GREY	2017
BROWN	2018
ORANGE	2019
PURPLE	2020
YELLOW	2021
GREEN	2022
RED	2023
BLUE	2024
WHITE	2025

### Yearly in house compliance maintenance using gauge check with magnet.

Visually check for damage and that the tamper seal (E) is in place. If damaged, return to manufacturer or appointed distributor.

Remove any dust with a clean cloth. Turn upside down to inspect base and locate testing magnet.

Check date is within 10 year lifespan (colour code stud in base gives year of manufacture (F)).

Visually ensure both gauges are in the **GREEN** segment.

Check both gauges with a magnet to confirm operation (G). Moving magnet from side to side needle should return to **GREEN** segment. Replace magnet in base.

If a gauge is in the **RED** segment return to manufacturer or appointed distributor. Only use spare parts to specification listed by manufacturer.

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

## INSTALLATION DATE

Year of Inspection	Examiners Signature

SAMPLE

At the end of ten years a maintenance check to be carried out by manufacturer or appointed distributor.

