FIREMARK Technical Data Sheet

Powder Extinguishers

Powder extinguishers are suitable for use on Class A, B and also Class C type fire involving flammable gases such as propane and butane. Powder is highly effective for electrical hazards. This multi-purpose powder interferes with the combustion process and provides rapid fire knock down.

MODEL	P9/1	P6/1	P4/2	P2/1	P1/1
Type	Powder	Powder	Powder	Powder	Powder
Capacity (litre)	9	6	4	2	1
Full Weight (kg)	13.7	9	6.4	3.4	2
Cylinder Weight (kg)	4.3	2.6	1.9	1.2	0.7
Cylinder Height (mm)	474	438	350	285	270
Cylinder Diameter (mm)	185	150	140	110	85
Minimum Discharge	25	21	16	10	7
Temperature Range	-30 to 60	-30 to 60	-30 to 60	-30 to 60	-30 to 60
Working Pressure at 20°c	15 bar	15 bar	15 bar	15 bar	15 bar
Test Pressure	30 bar	30 bar	30 bar	30 bar	30 bar
Fire Rating	55A:233BC	43A:233BC	27A:233BC	13A:89BC	8A:55BC
Approved to BS EN3	Yes	Yes	Yes	Yes	Yes
Marine Approved	Yes	Yes	Yes	Yes	Yes

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CO_2 Extinguishers

Carbon dioxide (CO_2) extinguishers are suitable for fires involving flammable liquids and electrical hazards. The non-corrosive and non-conductive qualities of carbon dioxide make it an ideal choice for dealing with fires involving electrical equipment and machinery.

The carbon dioxide used is a recovered industrial bi-product, thereby reducing the carbon levels contributing to the Greenhouse effect.

MODEL	C2/1	C5/1	C2/1S	C5/1S
Type	CO_2	CO_2	CO_2	CO_2
Capacity (litre)	2	5	2	5
Full Weight (kg)	4.9	11.4	6.5	12.0
Cylinder Material	Aluminium	Aluminium	Steel	Steel
Cylinder Weight (kg)	2.9	6.4	4.5	7.0
Cylinder Height (mm)	490	750	497	675
Cylinder Diameter (mm)	117	152	120	155
Minimum Discharge	8	14	8	14
Temperature Range	-30 to 60	-30 to 60	-30 to 60	-30 to 60
Working Pressure at 20°c	56 bar	56 bar	56 bar	56 bar
Test Pressure	212 bar	212 bar	212 bar	212 bar
Fire Rating	55B	70B	34B	70B
Approved to BS EN3	Yes	Yes	Yes	Yes
Marine Approved	No	Yes	No	No

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Foam Extinguishers

Foam spray extinguishers, (AFFF- Aqueous Film Forming Foam), are ideal for multi-risk situations where both Class A combustible materials and Class B flammable liquid risks are likely to be found, or where Class B represents a direct hazard.

Foam spray extinguishers are especially suitable for Class B fires involving flammable liquids such as oils, spirits, fats and certain plastics. The blanketing effect of foam spray gives rapid knock down which smothers the flame and thus prevents re-ignition of flammable vapours by sealing the surface of the solution.

MODEL	F9/1	F6/1	F6/2	F2/1
Type	Foam	Foam	Foam	Foam
Capacity (litre)	9	6	6	2
Full Weight (kg)	13.7	9.5	9.5	3.2
Cylinder Weight (kg)	4.3	2.9	2.9	1.2
Cylinder Height (mm)	474	429	429	395
Cylinder Diameter (mm)	185	160	160	108
Minimum Discharge	68	44	44	6
Temperature Range	0 to 60	0 to 60	0 to 60	0 to 60
Working Pressure at 20°c	12 bar	12 bar	12 bar	12 bar
Test Pressure	30 bar	30 bar	30 bar	28 bar
Fire Rating	27A:233B	21A:183B	34A:183B	8A:55B
Approved to BS EN3	Yes	Yes	Yes	Yes
Marine Approved	Yes	Yes	Yes	No

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Wet Chemical Extinguishers

MODEL	W9/1
Type	Wet Chemical
Capacity (litre)	6
Full Weight (kg)	
Cylinder Weight (kg)	2.94
Cylinder Height (mm)	429
Cylinder Diameter (mm)	160
Minimum Discharge	49.42
Temperature Range	-30 to 60
Working Pressure at 20°c	12 bar
Test Pressure	30 bar
Fire Rating	21A:113B:75F
Approved to BS EN3	Yes
Marine Approved	

Wet Chemical Extinguishers, are ideal for Class F fires, involving cooking oils and fats. It is extremely effective as the wet chemical rapidly knocks the flames out, cools the burning oil and seals the surface and preventing reignition.

Cooking oil fires are extremely difficult to extinguish due to high temperatures. Ordinary extinguishers are not suitable to tackle such fires as they do not have the capability to cool the oil sufficiently and may in some cases cause flash back – either spreading the fire or putting the operator at great risk.

The 6ltr Wet Chemical Fire Extinguisher contains a specially formulated wet chemical, which reacts with the oil to form a thick soapy substance. When applied to the burning liquid, this cools and emulsifies the oils, extinguishing the flame and sealing the surface, preventing reignition.

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Water Extinguishers

Water extinguishers are suitable for Class A fires involving combustible materials such as wood, paper and textiles. Water is a fast and efficient means of extinguishing these materials. It works by having a rapid cooling effect, so that insufficient heat remains to sustain burning and continuous ignition ceases.

Water additive extinguishers use an environmentally friendly additive that greatly enhances the performance against Class A

MODEL	W9/1	W6/1	WA6/2
Type	Water	Water	Water Additive
Capacity (litre)	9	6	6
Full Weight (kg)	13.7	9.5	9.5
Cylinder Weight (kg)	4.3	2.9	2.9
Cylinder Height (mm)	474	429	429
Cylinder Diameter (mm)	185	160	160
Minimum Discharge	28	20	49
Temperature Range	5 to 60	5 to 60	5 to 60
Working Pressure at 20°c	12 bar	12 bar	12 bar
Test Pressure	30 bar	30 bar	30 bar
Fire Rating	21A	13A	21A
Approved to BS EN3	Yes	Yes	Yes
Marine Approved	Yes	Yes	Yes

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300-098 Fire Blanket 1.2 x 1.2 m

- Red durable single-piece moulded design
- Kitemark to BS EN 1869
- 5 Year warranty
- Premium K40 Woven Glass cloth

Certification	BSEN1869: 1997
Cloth	K40 High Performance Woven Glass Cloth
Cloth Dimensions	1.2m x 1.2m
Warranty	5 years
Sale Unit	Single
Container Material	Moulded Plastic Rigid Case
Container Colour	Red
Height (mm)	203
Width (mm)	177
Depth (mm)	46

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300-075 Theft Stopper

- Stop Sign discourages wrong use of protected equipment
- Effective against vandalism, misuse or theft Piercing Alarm
- Easy to install
- Battery included
- Deactivation cable for servicing
- 3 year guarantee on Polycarbonate Housing

Manufacturer's Part Number	STI 6200
Height (mm)	127
Width (mm)	127
Depth (mm)	48
Weight (kg)	0.3
Alarm output at 1m (dB)	105
Battery	PP3 9V

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Dorgard Fire Door Retainers

The Dorgard is a safe and legal solution that allows you to hold your fire doors open safely, while automatically closing them in the event of a fire. This allows for better wheelchair access, ventilation and all-round convenience without jeopardising safety or breaking the law.

Colour	Black
Weight (kg)	0.94
Dimensions (HxWxD)	205 x 195 x 45 mm
Battery Type	2 x C size Alkaline
BS7273-4 Category	Category C

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300-043 Single Extinguisher Stand

The stand is supplied as a two-piece. It is also a new updated design in rotationally moulded plastic to give it excellent strength. This product is a single stand to take one extinguisher (both 6kg/l and 9kg/l).

- Rotationally Moulded in Polyethylene
- Flat pack for reduced storage
- UV Resistant Polyethylene
- Suitable for all portable extinguishers
- 100% recyclable
- 2 kg CO_2 restraining straps available 300-045

MODEL	JFP9
Height (mm)	645
Width (mm)	290
Depth (mm)	300
Weight (kg)	1.4

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300-042 Double Extinguisher Stand

The stand is supplied as a two-piece. It is also a new updated design in rotationally moulded plastic to give it excellent strength. This product is a single stand to take two extinguishers (both 6kg/l and 9kg/l).

- Rotationally Moulded in Polyethylene
- Flat pack for reduced storage
- UV Resistant Polyethylene
- Suitable for all portable extinguishers
- 100% recyclable
- 2 kg CO2 restraining straps available 300-045

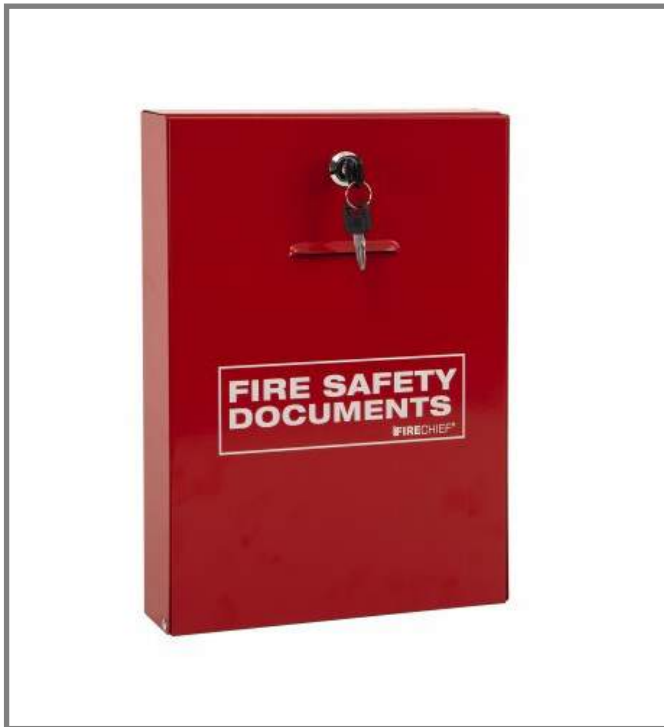| MODEL	JFP10
Height (mm)	645
Width (mm)	500
Depth (mm)	300
Weight (kg)	2.7

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300-146 Fire Safety Log

Fully compliant with requirements of recent legislation

300-542 Fire Safety Log Book Holder

Ideal for keeping fire documents, including plans, relating to the building that a fire officer would need. These cabinets are robustly made and have a powder-coated finish and the door is hinged at the base to give rapid and easy access.

- Takes A4 Documents
- Available with keylock or Latch (shown)
- Powder coated finish
- Hooks for 2 keys
- 4 fixing holes on back
- Restraining clip so that documents remain upright when the door is opened
- Complete with Fire Safety Documents Label

Height (mm) - external	**350**
Width (mm) - external	**252**
Depth (mm) - external	**60**
Height (mm) - Internal	**343**
Width (mm) - Internal	**246**
Depth (mm) - Internal	**55**
Width (mm) - retaining bar (max)	**236**
Width (mm) - retaining bar (min)	**135**
Depth (mm) - retaining bar	**37**
Weight (kg)	**2.2**
Finish	**Powder Coat**
Colour	**Red**

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300-025 Single Extinguisher Cabinet

These Cabinets are rotationally moulded with Polypropylene vision panels in the doors. The totally corrosion-proof design makes them suitable for outdoor as well as indoor use.

- Designed for prominent storage of fire extinguishers
- Suitable for wall, post of floor mounting
- Neoprene weather seal as standard
- Complete with inspection vision panels in doors
- Available with tamper lock or triangular key lock
- Available with optional cabinet alarm

External Height (mm)	700
External Width (mm)	300
External Depth (mm)	255
Internal Height (mm)	620
Internal Width (mm)	260
Internal Depth (mm)	210
Weight (kg)	4

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300-026 Double Extinguisher Cabinet

These Cabinets are rationally moulded with Polypropylene vision panels in the door. The totally corrosion-proof design makes them more suitable for outdoor as well as indoor use.

- Designed for prominent storage of fire extinguishers
- Takes 2 x 9l/9kg extinguishers
- Suitable for wall, post of floor mounting
- Neoprene weather seal as standard
- Complete with inspection vision panels in doors
- Available with tamper lock or triangular key lock
- Available with optional cabinet alarm

External Width (mm)	585
External Depth (mm)	270
Internal Height (mm)	650
Internal Width (mm)	530
Internal Depth (mm)	210
Weight (kg)	9.1

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300-395 Fire Marsal Kit

Fire Marshal Kit, includes:

- Fire Marshal Hi-vis Waistcoat
- Fire Marshal Hi-vis Armband
- Gas horn
- Snap lights x 6
- Mini-megaphone
- Torch
- Whistles x 6

(Fire Marshal and not Fire Warden version will be supplied)

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300-152 Plastic Fire Bucket and Lid

- Suitable for Fire Sand or Flamezorb
- Hand hold underneath for accurate pouring
- Handle for portability
- Cost effective
- Ideal for use where there may be spillages

Height (mm)	268
Width (mm)	275
Depth (mm)	220
Weight (kg)	0.66
Capacity (litres)	10

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