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## Foam, Water and Wet Chemical Fire Extinguishers

Established over 18 years ago, Exelgard is a leading supplier of fire protection products in Australia. We are part of the global operations of Tyco Fire Protection Services, one of the world's premier fire protection solution companies. Exelgard uses its global connections to source high quality products at competitive prices and provides excellent local support with our professional team of staff throughout Australia.

Water fire extinguishers discharge a stream of water onto the fire, lowering the temperature of the burning material to below ignition point. Water extinguishers do not have a coloured band.

Foam fire extinguishers, marked with a blue band, work by coating a burning flammable liquid with a blanket of foam, cutting off the fire's air supply and preventing the release of flammable vapours.

Wet Chemical fire extinguishers, marked by an oatmeal band, employ an agent that reacts with burning cooking oil or fat to form a 'suds-like' blanket across the fuel surface, cutting off the fire's air supply and preventing the release of flammable vapours.

Water fire extinguishers are suitable for fires of:

- > **Class A** – Paper, Textiles, Wood, Most Plastics and Rubber

Foam fire extinguishers are suitable for fires of:

- > **Class A** – Paper, Textiles, Wood, Most Plastics and Rubber
- > **Class B** – Flammable Liquids

Wet Chemical fire extinguishers are suitable for fires of:

- > **Class A** – Paper, Textiles, Wood, Most Plastics and Rubber
- > **Class F** – Cooking Oils or Fats

	9.1 litre Foam	9.1 litre Water	3.5 litre Wet Chemical	7.0 litre Wet Chemical
Agent Capacity	9.1 litres	9.1 litres	3.5 litres	7.0 litres
Agent Type	Foam	Water	Wet Chemical	Wet Chemical
Weight Full (approx)	11.9 kg	11.8 kg	7.0 kg	11.9 kg
Fire Rating	3A:30B	3A	1A:4F	2A:4F
SAI Global Approved To	AS/NZS 1841.4	AS/NZS 1841.2	AS/NZS 1841.3	AS/NZS 1841.3
Discharge Time	48 sec	80 sec	33 sec	80 sec
Effective Range	4.5 m	6 m	3 m	3 m
Dimensions - Height - Width - Depth	625 mm 250 mm 180 mm	625 mm 270 mm 180 mm	525 mm 235 mm 180 mm	625 mm 235 mm 180 mm
Cylinder Pressure Test	5 Yearly	5 Yearly	5 Yearly	5 Yearly
Periodic Test Pressure	2 MPa	2 MPa	2 MPa	2 MPa
Operating Pressure	1030 kPa	620 kPa	690 kPa	690 kPa
Construction - Cylinder - Valve - Handles	Stainless Steel Brass Stainless Steel	Stainless Steel Brass Stainless Steel	Stainless Steel Brass Stainless Steel	Stainless Steel Brass Stainless Steel
Finish - Cylinder - Valve - Handles	Powder Coated Red Nickel Plated Natural	Powder Coated Red Nickel Plated Natural	Powder Coated Red Nickel Plated Natural	Powder Coated Red Nickel Plated Natural
Product Code	F0402S (Empty) / F0402SF (Full)	F0400S (Empty) / F0400SF (Full)	E3.5WC	F0404



Fire Extinguishers					Fire Blankets	Fire Hose Reels	Signage	Fire Extinguisher Brackets	Smoke Alarms	Cabinets
ABE	BE	CO <sub>2</sub>	Wet Chemical	Water & Foam						
1.0 kg	1.0 kg	2.0 kg	3.5 L	9.1 L	1 m x 1 m	36 m x 19 m Complete	Location SML / MED / LGE	4.5 kg	Ionisation	HR H 1100 mm x W 760 mm x D 350 mm
2.0 kg	2.3 kg	3.5 kg	7.0 L		1.2 m x 1.2 m	36 m Hose Only	Identification BE ABE Foam Wet Chemical Water CO <sub>2</sub>	9.0 kg	Photoelectric	Recessed HR H 1100 mm x W 760 mm x D 350 mm
4.5 kg	4.5 kg	5.0 kg			1.8 m x 1.2 m	Nozzles				
9.0 kg	9.0 kg				1.8 m x 1.8 m					
4.5 kg HIGH PERF.							Fire Blanket Hose Reel			FX Medium 4.5 kg Large 9.0 kg

EXELGARD ALSO STOCKS A LARGE RANGE OF FIRE EQUIPMENT PARTS AND RELATED ACCESSORIES.

## Know your fire extinguisher

TYPE OF FIRE EXTINGUISHER Colour scheme - AS 2444	A	B	C	E	F	NOTES: *Limited indicates that the extinguishant is not the agent of choice for the class of fire, but that it will have limited extinguishing capability. Class D fires involving combustible metal(s) use only special purpose extinguishers - please seek expert advice.  Comments: (Refer Appendix A of AS 2444)
	Wood, Paper & Plastic	Flammable & Combustible Liquids	Flammable Gases	Energised Electrical Equipment	Cooking Oils and Fats	
Pre 1997   Post 1997 Powder ABE						Special Powders are available specifically for various types of metal fires. Seek expert advice.
Powder BE						Special Powders are available specifically for various types of metal fires. Seek expert advice.
Carbon Dioxide (CO <sub>2</sub> )						Generally not suitable for outdoor fires. Suitable only for small fires.
Water						Dangerous if used on flammable liquid, energised electrical equipment and cooking oil/fat fires.
Foam						Dangerous if used on energised electrical equipment.
Wet Chemical						Dangerous if used on energised electrical equipment.
Vaporising Liquid						Check the characteristics of the specific extinguishant.
Fire Blanket						Use as a Blanket to wrap around a Human Torch. Ensure you replace after single use.
Fire Hose Reel						Ensure you maintain a path of egress between you and the nearest exit.

### HOW TO USE A FIRE EXTINGUISHER

Extinguishers come in a number of shapes and sizes. They all operate in a similar manner. Here's an easy acronym for fire extinguisher use:

P	<b>PULL THE PIN</b> – Break seal and test extinguisher.
A	<b>AIM AT BASE OF FIRE</b> – Ensure you have a means of escape.
S	<b>SQUEEZE THE OPERATING HANDLE</b> – To operate extinguisher and discharge the agent.
S	<b>SWEEP FROM SIDE TO SIDE</b> – Completely extinguish the fire.



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