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## Powder Fire Extinguisher (ABE)

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.

Powder fire extinguishers, distinguished by a white band around the top of the cylinder, are the most widely used type of fire extinguisher. They discharge a fine powder that absorbs fuel molecules, depriving the fire of a fuel source.

Powder fire extinguishers are available in a range of sizes, from a compact 1.0 kg domestic model to a 9 kg model suitable for industrial applications.

The ABE range also offers a 4.5 kg high performance fire extinguisher, which is mines approved.

Powder ABE Fire Extinguishers are suitable for fires of:

- > **Class A** - Paper, Textiles, Wood, Most Plastics and Rubber
- > **Class B** - Flammable Liquids
- > **Class E** - Electrically Energized Equipment

	1.0 kg ABE	2.0 kg ABE	4.5 kg ABE	9.0 kg ABE	4.5 kg High Perf.	
Agent Capacity	1.0 kg	2.0 kg	4.5 kg	9.0 kg	4.5 kg	
Agent Type	ABC70 Powder	ABC70 Powder	ABC70 Powder	ABC70 Powder	Total Walther	
Weight Full (approx)	1.7 kg	3.2 kg	7.5 kg	13.1 kg	7.6 kg	
Fire Rating	1A:10B:E	2A:40B:E	4A:60B:E	6A:80B:E	4A:80B:E	
SAI Global Approved To	AS/NZS 1841.5	AS/NZS 1841.5	AS/NZS 1841.5	AS/NZS 1841.5	AS/NZS 1841.5	
Discharge Time	9 sec	14 sec	20 sec	26 sec	23 sec	
Effective Range	3m	4m	5m	5m	5m	
Dimensions	- Height - Width - Depth	325mm 85mm 75mm	400mm 173mm 125mm	490mm 250mm 150mm	560mm 265mm 180mm	532mm 260mm 137mm
Cylinder Pressure Test	5 Yearly	5 Yearly	5 Yearly	5 Yearly	5 Yearly	
Periodic Test Pressure	2.0 MPa	2.0 MPa	2.1 MPa	2.1 MPa	2.1 MPa	
Operating Pressure	1035 kPa	1035 kPa	1350 kPa	1350 kPa	1345 kPa	
Construction	- Cylinder - Valve - Handles	Mild Steel Brass Mild Steel	Mild Steel Brass Mild Steel	Mild Steel Brass Mild Steel	Mild Steel Brass Mild Steel	
Finish	- Cylinder - Valve - Handles	Powder Coated Red Natural Powder Coated Red	Powder Coated Red Natural Powder Coated Red	Powder Coated Red Natural Powder Coated Red	Powder Coated Red Natural Powder Coated Red	
Product Code	F0210	F0230	F0250	F0260	F0290	



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.
Pre 1997:  Post 1997:  Powder BE						Special Powders are available specifically for various types of metal fires. Seek expert advice.
Pre 1997:  Post 1997:  Carbon Dioxide (CO <sub>2</sub> )						Generally not suitable for outdoor fires. Suitable only for small fires.
Pre 1997:  Post 1997:  Water						Dangerous if used on flammable liquid, energised electrical equipment and cooking oil/fat fires.
Pre 1997:  Post 1997:  Foam						Dangerous if used on energised electrical equipment.
Pre 1997:  Post 1997:  Wet Chemical						Dangerous if used on energised electrical equipment.
Pre 1997:  Post 1997:  Vaporising Liquid						Check the characteristics of the specific extinguishant.
Pre 1997:  Post 1997:  Fire Blanket						Use as a Blanket to wrap around a Human Torch. Ensure you replace after single use.
Pre 1997:  Post 1997:  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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