

# TECHNICAL DATA SHEET

for use by Architects & Engineers

## 4 KG. BC POWDER EXTINGUISHER

Model No: LPK4D



### DESCRIPTION

Specialist BC Powder is primarily a mix of potassium bicarbonate, urea complex and potassium chloride (is not sodium bicarbonate). The super strength BC powder is 2-3 times more effective on Class B and C fires than any other agent. It works by firstly applying a coating to the fire which causes a powder dust blanket over the fire and during the burning process it releases Carbon Dioxide which suffocates the fire.

### FEATURES

- EN3 Kitemark approval by BSI in the UK and CE marked
- Extremely high fire ratings offering maximum fire fighting ability for size and weight
- Revolutionary new CE aluminum valve design
- Primarily designed for very high risk sites where B & C risk occurs
- Specially designed nozzle for maximum discharge distance, accuracy and time
- Available in 4, 6 & 9 Kgs

### PRECAUTIONS

- This is a specialist extinguisher for high risk sites and should not be used on A Class risks. A class fires carry extreme heat in the fuel and therefore require significant cooling compared to B & C class fires which has relatively lesser heat in their fuel. So the BC extinguisher cooling properties are not sufficient for A class.
- It is designed for a rapid knock down on B & C class fires.
- It is not SAFE to use on Chlorine or Self Oxidising fuels such as certain metals.
- Not suitable for cooking oil fires.
- It should be avoided in confined spaces since the safety of the operator is at risk due to choking & impairing of visibility affecting the firefighting ability and as well the safe exit of the operator.

### INDUSTRIES OF USE

- Refineries
- Chemical plants
- Oil Platforms
- Gas Wells

### CLASSES OF FIRE



### TECHNICAL SPECIFICATIONS

Agent	BC Powder					
Capacity	4 kg					
Propellant	Nitrogen					
Fire Rating	A	B	C	D	E	F
	✗	183	✓	✗	✓	✗
Operating Temperature	-20°C ~ +60°C					
Working Pressure	14 Bar					
Test Pressure	27 Bar					
Discharge Time	16.0 sec					
Range of Throw	>5.0 mtr					
Hose Type	Length	PVC10	480mm			
Height	483 mm					
Diameter	130 mm					
Filled Weight	6.1 kg					
Material	Low-Carbon Steel					

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## 6 KG. BC POWDER EXTINGUISHER

Model No: LPK6D



### DESCRIPTION

Specialist BC Powder is primarily a mix of potassium bicarbonate, urea complex and potassium chloride (is not sodium bicarbonate). The super strength BC powder is 2-3 times more effective on Class B and C fires than any other agent. It works by firstly applying a coating to the fire which causes a powder dust blanket over the fire and during the burning process it releases Carbon Dioxide which suffocates the fire.

### FEATURES

- EN3 Kitemark approval by BSI in the UK and CE marked
- Extremely high fire ratings offering maximum fire fighting ability for size and weight
- Revolutionary new CE aluminum valve design
- Primarily designed for very high risk sites where B & C risk occurs
- Specially designed nozzle for maximum discharge distance, accuracy and time
- Available in 4, 6 & 9 Kgs

### PRECAUTIONS

- This is a specialist extinguisher for high risk sites and should not be used on A Class risks. A class fires carry extreme heat in the fuel and therefore require significant cooling compared to B & C class fires which has relatively lesser heat in their fuel. So the BC extinguisher cooling properties are not sufficient for A class.
- It is designed for a rapid knock down on B & C class fires.
- It is not SAFE to use on Chlorine or Self Oxidising fuels such as certain metals.
- Not suitable for cooking oil fires.
- It should be avoided in confined spaces since the safety of the operator is at risk due to choking & impairing of visibility affecting the firefighting ability and as well the safe exit of the operator.

### INDUSTRIES OF USE

- Refineries
- Chemical plants
- Oil Platforms
- Gas Wells

### CLASSES OF FIRE



### TECHNICAL SPECIFICATIONS

Agent	BC Powder					
Capacity	6 kg					
Propellant	Nitrogen					
Fire Rating	A	B	C	D	E	F
	✗	233	✓	✗	✓	✗
Operating Temperature	-20°C ~ +60°C					
Working Pressure	14 Bar					
Test Pressure	27 Bar					
Discharge Time	17.0 sec					
Range of Throw	>5.5 mtr					
Hose Type	Length	PVC10	500mm			
Height	494 mm					
Diameter	163 mm					
Filled Weight	9.4 kg					
Material	Low-Carbon Steel					

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for use by Architects & Engineers

## 9 KG. BC POWDER EXTINGUISHER

Model No: LPK9D



### DESCRIPTION

Specialist BC Powder is primarily a mix of potassium bicarbonate, urea complex and potassium chloride (is not sodium bicarbonate). The super strength BC powder is 2-3 times more effective on Class B and C fires than any other agent. It works by firstly applying a coating to the fire which causes a powder dust blanket over the fire and during the burning process it releases Carbon Dioxide which suffocates the fire.

### FEATURES

- EN3 Kitemark approval by BSI in the UK and CE marked
- Extremely high fire ratings offering maximum fire fighting ability for size and weight
- Revolutionary new CE aluminum valve design
- Primarily designed for very high risk sites where B & C risk occurs
- Specially designed nozzle for maximum discharge distance, accuracy and time
- Available in 4, 6 & 9 Kgs

### PRECAUTIONS

- This is a specialist extinguisher for high risk sites and should not be used on A Class risks. A class fires carry extreme heat in the fuel and therefore require significant cooling compared to B & C class fires which has relatively lesser heat in their fuel. So the BC extinguisher cooling properties are not sufficient for A class.
- It is designed for a rapid knock down on B & C class fires.
- It is not SAFE to use on Chlorine or Self Oxidising fuels such as certain metals.
- Not suitable for cooking oil fires.
- It should be avoided in confined spaces since the safety of the operator is at risk due to choking & impairing of visibility affecting the firefighting ability and as well the safe exit of the operator.

### INDUSTRIES OF USE

- Refineries
- Chemical plants
- Oil Platforms
- Gas Wells

### CLASSES OF FIRE



### TECHNICAL SPECIFICATIONS

Agent	BC Powder					
Capacity	9 kg					
Propellant	Nitrogen					
Fire Rating	A	B	C	D	E	F
	✗	233	✓	✗	✓	✗
Operating Temperature	-20°C ~ +60°C					
Working Pressure	14 Bar					
Test Pressure	27 Bar					
Discharge Time	18.0 sec					
Range of Throw	>6.0 mtr					
Hose Type	Length	PVC13	560mm			
Height	556 mm					
Diameter	183 mm					
Filled Weight	13.1 kg					
Material	Low-Carbon Steel					