

# SAFETECH

A HI-TECH PRODUCT



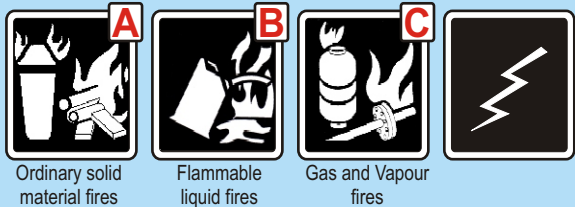
IS 15683 : 2006

*Shaping the Future of Fire Extinguishers*

# ABC DRY POWDER



This is a premium range of appliances available in ABC Powder, pressurised with dry nitrogen gas. The contents are expelled by the release of pressure stored inside the body. The inbuilt pressure gauge indicates its readiness for use. ABC powder is one of the most versatile and highly effective agents suitable to combat fires involving wood, inflammable liquids, gases and electrical wiring. This extinguisher knocks down fire by beating and displacement of air.

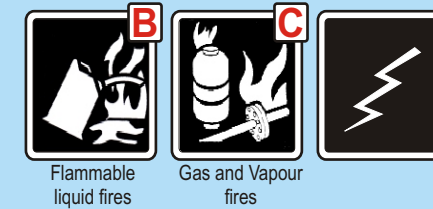


TYPE	1 Kg	2 Kg	4 Kg	6 Kg	9 kg
Fire Rating	1A : 8B	1A : 8B	2A : 21B	3A : 21B	3A : 34B
Discharge time	10 sec	17 sec	14 sec	17 sec	25 sec
Total Height	335 mm	375 mm	490 mm	510 mm	600 mm
Diameter	86 mm	108 mm	130 mm	160 mm	175 mm
Charged weight	2.3 kg.	3.5 kg.	7 kg.	9.3 kg.	15 kg.
Operating temperature	-10° C to +55° C				
Service Pressure	15 bar	15 bar	15 bar	15 bar	15 bar
Maximum Service Pressure	18 bar	18 bar	18 bar	18 bar	18 bar
Test Pressure	35 bar	35 bar	35 bar	35 bar	35 bar
Jet Range	3 metre	3.5 metre	4 metre	5 metre	6 metre

## BC DRY POWDER



Dry Powder extinguisher are highly effective for B & C class fires, specially for combating three dimensional or running fires involving inflammable liquids like petrol, paints, solvents or industrial gases. They can also be used on energised electrical equipments. Powder based extinguisher knocks down fire by beating & displacement of air.

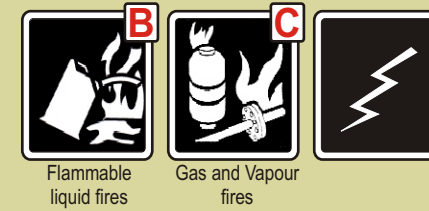


TYPE	6 Kg	9 kg
Fire Rating	21B	34B
Discharge time	17 sec	25 sec
Total Height	510 mm	600 mm
Diameter	160 mm	175 mm
Charged weight	9.3 kg.	15 kg.
Operating temperature	-10° C to +55° C	
Service Pressure	15 bar	15 bar
Maximum Service Pressure	18 bar	18 bar
Test Pressure	35 bar	35 bar
Jet Range	5 metre	6 metre

## Co<sub>2</sub> TYPE



The quick & efficient flame knockdown property of Co<sub>2</sub> gas makes it ideal for tackling fires involving inflammables liquids like petrol, oil, paints, solvents and industrial gases. It is also suitable for sophisticated machineries. Co<sub>2</sub> extinguishes the fire within seconds by dilution of oxygen and chilling effect.



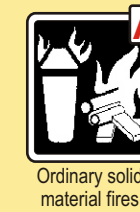
TYPE	2 Kg	4 Kg
Fire Rating	8B	21B
Discharge time	10 sec	13 sec
Total Height	570 mm	700 mm
Diameter	108 mm	140 mm
Charged weight	8 kg.	16 kg.
Operating temperature	-10 °C to +55 °C	
Maximum Service Pressure	168 bar	168 bar
Test Pressure	250 bar	250 bar
Jet Range	3.5 metre	4.5 metre

## WATER TYPE



Water the best fire extinguishant suited for combating fires involving ordinary carbonaceous material like wood, paper, cloth, rubber & jute. Water extinguishes fire rapidly by striking, instant cooling & quenching effects.

CAUTION : Not for use on oil electrical fires.



TYPE	9 kg
Fire Rating	2A
Discharge time	34 sec
Total Height	600 mm
Diameter	175 mm
Charged weight	14.5 kg
Operating temperature	+5°C to +55°C
Service Pressure	15 bar
Maximum Service Pressure	18 bar
Test Pressure	35 bar
Jet Range	7 metre



# MECHANICAL FOAM



Foam is a powerful knockdown agent for spill fires involving inflammable liquids such as petrol, oil, naptha, paints, alcohols & solvent. This extinguisher forms a thick layer of foam over the burning surface, effectively cutting of atmospheric supply of oxygen to the burning surface thereby smothering the fire and preventing re-ignition. foam extinguishes fire by giving blanketing effect.

CAUTION : Not for use on Electrical fire.



Ordinary solid material fires



Flammable liquid fires



TYPE	9 Ltr
Fire Rating	2A : 21B
Discharge time	35 sec
Total Height	600 mm
Diameter	175 mm
Charged weight	13.5 kg.
Operating temperature	+5° C to +55° C
Service Pressure	15 bar
Maximum Service Pressure	18 bar
Test Pressure	35 bar
Jet Range	7 metre

## ***LIST OF LABORATORY EQUIPMENTS***

- Tapping Test Machine
- Safety Pin Pulling Machine
- Pressure Cyclic Machine
- Salt Spray Test Machine
- Vibration Test Machine
- Crashing Test Machine
- Impact Resistant Test Machine
- Hydro Test Machine
- Oven Incubator
- Deep Freezer
- Leakage Test Machine
- Class A Test Crib
- Class B Test Trays



Marketed by:  
**Hi-Tech Safe**  
INDORE



Manufactured by:  
**Hi-Tech Metal Formings**  
INDORE

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