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Padma Industries

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Top Notch Fire Safety Solutions



ISO 9001:2008 • ISO 14001:2004 • ISO 18001:2007 Certified • CE Approved Company

Company Profile

With great pleasure we take this opportunity to introduce ourselves as one of the leading manufacturer and suppliers of Fire Extinguishers, Fire Fighting Equipments, Fixed System, Fire Protection Consultancy and Dealers in Safety Devices and High Pressure Gas Cylinders of various ranges.

Certification and Product Approval

- Directorate Of Industries Registered SSI Unit
- ISI Mark (BIS Certification) for Fire Extinguishers
- CE Certificate (European Standard) ISO-9001-2008, ISO-18001-2007 & ISO- 14001-2004

As a well - established company as "PADMA INDUSTRIES" we have been providing safety for over 10 years. Established in 2003 we are today a strong workforce of Engineers, Technicians and skilled set of workers with an ideal mix experience (10-11) years and youth supported by a dedicated management, directed towards a single goal of Safety.

We customize Fire Extinguisher for various Parties and associated with

- M V I R D C World Trade Centre, Mumbai
- Power Generation Project
- Gas Turbine Power Station, Uran
- Govt. and Semi-Government Departments
- Mining Industries
- Man Infra Construction Co.
- Sai Services
- Continental Warehousing
- Infrastructure Companies

Ways of Fire Protection Have changed: Its Time for you... Indian Fire Extinguishers have finally moved onto the Next Generation...

The Projects We Undertake

- CO₂ Systems
- Fm 200 Systems
- Hydrant Accessories and Systems
- High Pressure Gas Cylinders
- Foam Water Hose Reel, Hydrant valve and other accessories
- Refills Such as AFFF Liquid, Dry powders (ABC, BC ETC.)
- Valves, Hose etc.



1

DRY CHEMICAL POWDER TYPE

Fire Extinguishers (Stored Pressure)

1A

MAP (Mono Ammonium Phosphate)
based powder

SPECIFICATION IS 15683 : 2006



Multipurpose fire Extinguisher

**We specialize in fire extinguishers
for Automotive Category**Also Available with UL, approved /
MAP 90% powder and safety valve

CAPACITY	1 KG	2 KGS	4 KGS	6 KGS	9 KGS
THICKNESS	1.6 mm	1.6 mm	1.6 mm	1.6 mm	1.6 mm
DIAMETER	86 mm	108 mm	160 mm	150 mm	175mm
HEIGHT	325mm	360 mm	415 mm	520 mm	570 mm
PERFORMANCE					
DISCHARGE TIME	9-12sec	9-13sec	13-25sec	15-25sec	15-25sec
DISCHARGE % (min)	85	85	85	85	85
JET LENGTH	Actual 6m Req (2 m)	Actual 6m Req (2 m)	Actual 6m Req (2 m)	Actual 7m Req (2 m)	Actual 8m Req (2 m)
FIRE RATINGS	1A 8B C	1A 13B C upwards	2A 21B C	2A 21B C upwards	4A 34B C
TEMPERATURE RATING	-30°C to +55°C				

1B

SBC (Sodium Bi-Carbonate)
based powder

SPECIFICATION IS 15683 : 2006

Useful to tackle fires involving oil,
fats, solvents, gases, paint, varnish,
electrical wiring and live machineryExtinguishes fire by **blanketing,
displacement of air & decomposi-
tion of dry powder effects**

CAPACITY	1 KG	2 KGS	4 KGS	6 KGS	9 KGS
THICKNESS	1.6 mm	1.6 mm	1.6 mm	1.6 mm	1.6 mm
DIAMETER	86 mm	108 mm	150 mm	150 mm	175mm
HEIGHT	325mm	360 mm	415 mm	520 mm	570 mm
PERFORMANCE					
DISCHARGE TIME	9-12sec	9-13sec	13-25sec	15-25sec	15-25sec
DISCHARGE % (min)	85	85	85	85	85
JET LENGTH	Actual 6m Req (2 m)	Actual 6m Req (2 m)	Actual 6m Req (2 m)	Actual 7m Req (2 m)	Actual 8m Req (2 m)
FIRE RATINGS	8B C	8B C upwards	21B C	21B C upwards	34B C
TEMPERATURE RATING	-30°C to +55°C				

2

CARBON DI-OXIDE (CO₂) TYPE

Fire Extinguishers

2A

Portable CO₂ Type
Fire Extinguishers

SPECIFICATION IS 15683 : 2006

Available in Screw Down or
Squeeze Grip Type Valve.**Specialised CCOE Approved Cylinder &
ISI Marked (IS 7285), CCOE Valves &
ISI marked (IS 3224)**

Ideal to handle live delicate machinery, flammable liquids & gases.

**It extinguishes fire by blanketing, dilution of oxygen and cooling effect
involving high voltage electrical equipment.**

CAPACITY	2 KGS	2 KGS	4.5 KGS
THICKNESS (min)	3.5 mm	4.2 mm	4.2 mm
DIAMETER	108 mm	139.8 mm	139.8 mm
HEIGHT	470 mm	435 mm	610 mm
PERFORMANCE			
DISCHARGE TIME	8-16 sec	8-18 sec	10-18 sec
DISCHARGE % (min)	95	95	95
FIRE RATINGS	8B	8B upwards	13B
TEMPERATURE RATING	-30°C to +55°C		

2B

Trolley Mounted CO₂ Type
Fire Extinguishers

SPECIFICATION IS 2878

Useful to tackle fires involving oil,
fats, solvents, gases, paint, varnish,
electrical wiring and live machineryExtinguishes fire by **blanketing,
displacement of air & decomposi-
tion of dry powder effects**

CAPACITY	6.5 KGS	9 KGS	22.5 KGS	45 KGS
THICKNESS	4.2 mm	4.2 mm	5.5 mm	6 mm
DIAMETER	139.8 mm	139.8 mm	232 mm	267 mm
HEIGHT	865 mm	1120 mm	1030 mm	1520 mm
PERFORMANCE				
DISCHARGE TIME	10-20 sec	8-30 sec	20-60 sec	25-70 sec
DISCHARGE % (min)	95	95	95	95
TEMPERATURE RATING	-30°C to +55°C			

3

DRY CHEMICAL POWDER TYPE

Fire Extinguishers (Cartridge / Cylinder Type)

3A**Portable**
(Squeeze Grip Cartridge Type)

SPECIFICATION IS 15683 : 2006



These extinguishers have **specialized squeeze grip caps** with **Controlled Mechanism**.

CAPACITY	4 KGS	6 KGS	9 KGS
THICKNESS	1.6 mm	1.6 mm	1.6 mm
DIAMETER	150 mm	150 mm	175 mm
HEIGHT	385 mm	520 mm	570 mm
CARTRIDGE	100/120gms	120 gms	200 gms
PERFORMANCE			
DISCHARGE TIME	13-25sec	15-25sec	15-25sec
DISCHARGE % (min)	85	85	85
JET LENGTH	Actual 6m Req (2 m)	Actual 7m Req (2 m)	Actual 8m Req (2 m)
FIRE RATINGS	21B C	21B C	34B C upwards
TEMPERATURE RATING	-30°C to +55°C		

3B**Trolley Mounted**
Type

SPECIFICATION IS 11833



Higher capacities of 100 kg., 150 kg., also available with trailers

CAPACITY	25 KGS	50 KGS	75 KGS
THICKNESS (min)	3.15 mm	4 mm	4 mm
DIAMETER	300 mm	400 mm	400 mm
HEIGHT	720 mm	820 mm	1060 mm
GROSS WEIGHT (APPROX)	58 Kgs	108 Kgs	155 Kgs
FILLER OPENING	75 mm	75 mm	75 mm
THREAD LENGTH	22 mm	22 mm	22 mm
PERFORMANCE			
DISCHARGE TIME	25-30 sec	40-50 sec	50-60 sec
DISCHARGE % (min)	85	85	85
JET LENGTH	6 m	8 m	10 m

3C**D Metal Type**
Fire Extinguishers

Capacity available: 5 Kg., 10 Kg., and 25 Kg.

Special Design low pressure operation fire extinguisher **suitable for self igniting specialized metals like sodium, magnesium** etc.

4

MECHANICAL FOAM

Type Fire Extinguishers

4A**Portable**
(Stored Pressure)

SPECIFICATION IS 15683 : 2006



Capacities Available: 2 Ltrs, 4 Ltrs, 6 Ltrs & 9 Ltrs

CAPACITY	9 LTRS
THICKNESS	1.6 mm
DIAMETER	175 mm
HEIGHT	570 mm
GROSS WEIGHT (APPROX)	12.5 Kgs
PERFORMANCE	
DISCHARGE TIME	45-70 sec
DISCHARGE % (min)	85
JET LENGTH	Actual 6 m (Req (2 m)
FIRE RATINGS	4A 4B
TEMPERATURE RATING	+5°C to +55°C

4B**Portable**
(Cartridge Type)

SPECIFICATION IS 13386



Capacities Available: 2 Ltrs, 4 Ltrs, 6 Ltrs & 9 Ltrs
Equipped with specialized caps with controlled mechanism.

CAPACITY	9 LTRS
THICKNESS	1.6 mm
DIAMETER	175 mm
HEIGHT	570 mm
GROSS WEIGHT (APPROX)	12.5 Kgs
CARTRIDGE CAPACITY	60 gms
PERFORMANCE	
DISCHARGE TIME	45-70 sec
DISCHARGE % (min)	85
JET LENGTH	Actual 6 m (Req (2 m)
FIRE RATINGS	4A 4B
TEMPERATURE RATING	+5°C to +55°C

4C**Trolley Mounted**

SPECIFICATION IS 13386



Capacities: 50, 150 Ltrs. & with trailers also available.

CAPACITY	50 LTRS
THICKNESS	3.15 mm
DIAMETER	300 mm
HEIGHT	1130 mm
GROSS WEIGHT (APPROX)	86 Kgs
PERFORMANCE	
DISCHARGE TIME	60-180 sec
DISCHARGE % (min)	90
JET LENGTH	10 m
TEMPERATURE RATING	+5°C to +55°C

5

CLEAN AGENT

Fire Extinguisher

Aim-Ex Clean Agent Fire Extinguishers Store agent as a liquid which turns to gas when it hits the air. These are effective on Class A, B & C Fires. **Clean agent fire extinguishers will not conduct electricity to the user.**

Clean Agent extinguishers act without thermal shock to delicate electronic equipments by cooling and smothering it the fire. They extinguish the fire by interrupting the chemical reaction of the fire.

Clean Agent is Primarily Suited for ‘B’ and ‘C’ classes of fire but some large clean agent extinguishers can be used on class A, B and C fires. These extinguishers have zero global warning 9or ozone depletion) potential.

Some typical applications include:

- Data Storage Areas
- Clean Rooms
- Laboratories
- Computer Rooms / Server Rooms
- Telecommunications Facilities
- Offices (for protection of sensitive electronic equipment)
- Irreplaceable document and art storage rooms



SPECIFICATION IS 15683



Capacities available:
500 gms, 1 kg, 2 kgs,
5 Kgs, 10 Kgs.

Welded Cylinders as well as seamless cylinders are available. Also available with UL approved / MAP 90% powder and safety valve

CAPACITY	1 KG	2 KGS	4 KGS	6 KGS	9 KGS
THICKNESS	1.6 mm	1.6 mm	1.6 mm	1.6 mm	1.6 mm
DIAMETER	86 mm	108 mm	150 mm	150 mm	175 mm
HEIGHT	325 mm	360 mm	385 mm	520 mm	570 mm
PERFORMANCE					
DISCHARGE TIME	9-12sec	9-13sec	13-20sec	15-25sec	15-25sec
DISCHARGE % (min)	90	90	90	90	90
JET LENGTH	Actual 4m+ Req (2 m)	Actual 4m+ Req (2 m)	Actual 4m+ Req (2 m)	Actual 5m+ Req (2 m)	Actual 6m+ Req (2 m)
FIRE RATINGS	1A 8B	1A 8B upwards	2A 21B	3A 21B upwards	4A 34B
TEMPERATURE RATING	-30°C to +55°C				

6

WATER TYPE

Fire Extinguishers

6A

Portable
(Stored Pressure)



SPECIFICATION IS 15683 : 2006



Capacities Available: 2 Ltrs, 4 Ltrs, 6 Ltrs & 9 Ltrs

CAPACITY	9 LTRS
THICKNESS	1.6 mm
DIAMETER	175 mm
HEIGHT	570 mm
CARTRIDGE	60 Gms
GROSS WEIGHT (APPROX)	12.5 Kgs
PERFORMANCE	
DISCHARGE TIME	45-70 sec
DISCHARGE % (min)	85
JET LENGTH	Actual 6 m (Req (2 m)
FIRE RATINGS	2A
TEMPERATURE RATING	+5°C to +55°C

6B

Portable Squeeze Grip
Cartridge Type



SPECIFICATION IS 15683 : 2006



Capacities Available: 2 Ltrs, 4 Ltrs, 6 Ltrs & 9 Ltrs
These extinguishers have specialized caps with controlled mechanism.

CAPACITY	50 LTRS
THICKNESS	1.6 mm
DIAMETER	175 mm
HEIGHT	570 mm
CARTRIDGE	60 Gms
GROSS WEIGHT (APPROX)	12.5 Kgs
PERFORMANCE	
DISCHARGE TIME	45-70 sec
DISCHARGE % (min)	85
JET LENGTH	Actual 6 m (Req (2 m)
FIRE RATINGS	2A
TEMPERATURE RATING	+5°C to +55°C

6C

Trolley
Mounted



SPECIFICATION IS 13386



Capacities: 50, 150 Ltrs. & with trailers also available.

CAPACITY	50 LTRS
THICKNESS	3.15 mm
DIAMETER	300 mm
HEIGHT	1130 mm
CARTRIDGE / CYLINDERS	300/1Kgs
GROSS WEIGHT (APPROX)	86 Kgs
PERFORMANCE	
DISCHARGE TIME	60-180 sec
DISCHARGE % (min)	90
JET LENGTH	10 m
TEMPERATURE RATING	+5°C to +55°C

Fire Extinguisher



SPECIFICATION IS 15683 : 2006

A B C / CLEAN AGENT CE

These Specialized fire extinguishers are suitable for unmanned areas. They are operated automatically by a specially heat sensitive quadrazoid bulb. These are also useful in areas beyond the reach of normal fire extinguishers.

Available in powder based and clean agent gas variety.



In-House complete manufacturing equipments and accessories:

- Circle Cutting
- Deep Drawing Power Presses of capacity ranging from 250 tones upwards with 20 inch dipping capacity.
- 8 Tanks hot Phosphating process
- Automatic Powder Coating plant
- Complete testing equipments required for IS 15683 and other IS standards.