



CE



Avoid Fire Install "ANDEX"



About us

We introduce ourselves as one of the accredited manufacturer of a comprehensive range of fire safety equipments for over a period of time. We started our business operations in the year 1998, with an aim to provide impeccable quality products and services to our esteemed customer. Since our inception, we have grown tremendously to establish ourselves as an accomplished manufacturer and importer of **Fire Extinguishers & Fire Fighting Equipments**. We constantly invest in the area of technical development, research and production to meet the exact requirement of our customers. Our strength lies in providing zero defect products to our customers at industry leading rates. Our reputation in the national as well as international market is based on our reliability, integrity, excellent pro-active services and complete understanding of the market dynamics. We stand on the pillars of quality and reliability and this has helped us to achieve maximum degree of customer satisfaction resulting in worldwide customer base. All of our products are made by superlative quality raw materials sourced from noted manufacturers and suppliers to ensure flawless manufacturing. Prompt deliveries and excellent pro-active services has always been our top priority and this has helped us to become the invincible winners of the domestic market.

Our Product Gallery

We are a leading manufacturer and importer of the following range of products:

Fire Extinguishers (IS: 15683-2018) Powder Co ₂ Foam Water Clean Agent	Fire Fighting Equipments Landing Valve 'Type-A' (IS:5290) Fire hose coupling (IS:903) Branch pipe with nozzle (IS:903) First aid hose reel (IS:884)	Trolley Fire Extinguisher (IS:16018) Powder Water Foam Co ₂	Fire Fighting Chemicals Dry Powder (IS: 4308) (BC & ABC) AFFF (IS: 4989) (6% - 3% - AR) Wet Chemical
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OUR QUALITY

Quality and reliability are the foundation stone of our organisation. We have adopted several quality control norms adhering to national and international standards. We undertake inspections and run quality checks on our products before delivering them to the market. We have a team of quality control experts who monitor each and every Production stage to ensure delivery of impeccable quality products to the customers. All the products are also subjected to various physical and chemical tests to check and enhance their performance.

Our Infrastructure

We are empowered with sophisticated infrastructure, state of the art machineries and cutting edge technology. We constantly invest in the technological upgradation to remain abreast of the changing trends. Our manufacturing unit boasts of a proficient team comprising dexterous, astute and diligent technocrats and business oriented personnel who work with utmost dedication and utilise their skills to deliver world class products to the customers. Our excellent and technologically advance transport facilities ensure the customers of prompt deliveries. We are backed by a spacious warehouse which has a capability to store and execute large quantity of products as per customers requirement and specifications.



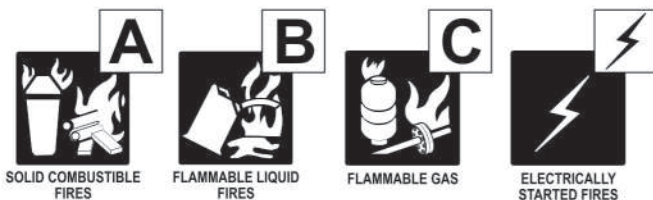
Powder Base Fire Extinguishers

Portable Fire Extinguisher
(Stored Pressure / Gas Cartridge Type)



TECHNICAL SPECIFICATION

Capacity	1 kg	2 kgs.	4 kgs.	6 kgs.	9 kgs.
Approval	ISI Marked as per IS 15683				
Body	Mild Steel				
Type	Constant Pressure / Cartridge Type				
Extinguishing Media	As per IS: 4308				
Propellant	Nitrogen / Co ₂				
Hydraulic Test Pressure	35 kgf/cm ²				
Service Pressure	15 kgf/cm ²				
Operating Temperature	-0° C to +60° C / -10° C to +60° C / 20° C to +60° C				
Min. Effective Discharge	85%				
Fire Rating	1A & 21B	1A & 21B	2A & 55B	3A & 89B	4A & 144B
Discharge Time	Min. 8 S	Min. 8 S	Min. 13 S	Min. 13 S	Min. 13 S
Discharge Range	1 Mtr.	1 Mtr.	2 Mtr.	3 Mtr.	3 Mtr.



IS : 15683



CML : 2538661



★: Conditions Apply



TECHNICAL SPECIFICATION

Capacity	9 Litre	45 Litre
Indian Standard	ISI Marked as per IS 15683	IS: 16018
Body	Mild Steel	
Type	Constant Pressure/Cartridge type	Co ₂ / Cartridge Type
Extinguishing Media	Water	
Propellant	Nitrogen/Co ₂	Co ₂
Hydraulic Test Pressure	35 kgf/cm ²	
Operating Temperature	+5° C to +60° C	+5° C to +60° C
Min. Effective Discharge	More Than 90%	
Fire Rating	2A	20A
Discharge Time	Min. 13 S	Min. 120 S
Discharge Range	Min. 2 Mtr.	Min. 8 Mtr.

Application Areas

All A Class Fires Which Involve Materials Like:
Wood, Paper, Cloth, Fibers, Plastics, Rubber etc.

Water Wheeled Extinguishers also available
in 20 Ltrs., 60 Ltrs. & 135 Ltrs.

Foam Base Fire Extinguishers



TECHNICAL SPECIFICATION

Capacity	9 Litre	45 Litre
Indian Standard	ISI Marked as per IS 15683	IS: 16018
Body	Mild Steel	
Type	Constant Pressure/Cartridge type	Co ₂ / Cartridge Type
Extinguishing Media	Aqueous Film Forming Foam (AFFF) As Per IS: 4989	
Propellant	Nitrogen/Co ₂	Co ₂
Hydraulic Test Pressure	35 kgf/cm ²	
Operating Temperature	+5° C to +60° C	+5° C to +60° C
Min. Effective Discharge	More Than 90%	
Fire Rating	2A & 89B	20A, 233B
Discharge Time	Min. 13 S	Min. 120 S
Discharge Range	Min. 2 Mtr.	Min. 8 Mtr.

Application Areas

All A & B Class Fires Which Involve Materials Like:
Wood, Paper, Cloth, Petrol, Diesel, Plastics, Resins & Other Petrochemicals Products etc.

Foam Wheeled Extinguishers also available
in 20 Ltrs., 60 Ltrs. & 135 Ltrs.



Carbon Di-Oxide Base Fire Extinguishers

Carbon Di-Oxide Portable & Trolley Mounted Fire Extinguishers

Co₂ Type Extinguisher actually works on Flammable liquids, Gases & Electrical started Fire.



IS : 16018

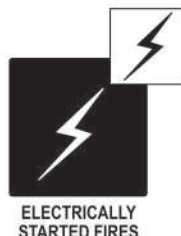
 CML : 7342568

IS : 15683

 CML : 2538661

TECHNICAL SPECIFICATION

IS Code	IS 15683			IS:16018		
Type	Stored Pressure.			Stored Pressure.		
Filling Ratio	0.667			0.667		
Test Pressure	250 kgf/cm ²			250 kgf/cm ²		
Operating Temperature	-20° C to +60° C			-30° C to +60° C		
Min. Effective Discharge	95%			95%		
Type of Extinguisher Media	CO ₂ Gas			CO ₂ Gas		
Capacity	2 kg	3 kg	4.5 kg	6.5 Kg	9 kg	22.5 kg
Fire Rating	21B	34B	34B	55B	89B	
Discharge Time	Min. 8 S	Min. 11 S	Min. 13 S	15 S to 25 S		
Discharge Range (Min.)	1 Mtr.	2 Mtr.	2 Mtr.	2 Mtr.		
Operating Valve (IS: 3224)	Wheel / Squeeze Grip Type					



★ :Conditions Apply



CLEAN AGENT



TECHNICAL SPECIFICATION

Capacity	2 kgs.	4 kgs.	6 kgs.
Approval	ISI Marked as per IS 15683		
Body	Mild Steel / Stainless Steel		
Type	Constant Pressure		
Extinguishing Media	Clean Agent Gas		
Propellant	Nitrogen / Co ₂		
Hydraulic Test Pressure	35 kgf/cm ²		
Service Pressure	15 kgf/cm ²		
Operating Temperature	-0°C to +60°C		
Min. Effective Discharge	95%		
Fire Rating	1A & 21B	1A & 34B	1A & 55B
Discharge Time	Min. 8 S	Min. 13 S	Min. 13 S
Discharge Range	1 Mtr.	2 Mtr.	3 Mtr.



* :Conditions Apply



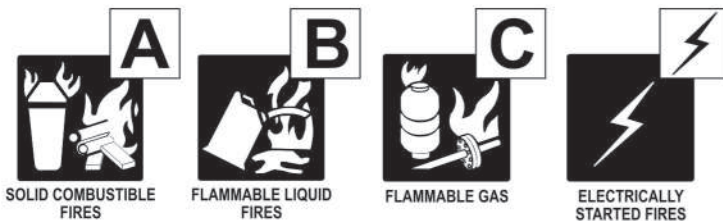
SELF TRIGGERED STAND ALONE TYPE FIRE EXTINGUISHER

Automatic Modular Fire Extinguisher



TECHNICAL SPECIFICATION

Capacity	2 kgs.	5 kgs.	10 kgs.	15 kgs.
Media	ABC Powder / Clean Agent			
Area Coverage	2-3m ² / approx.	3-4m ² / approx.	5-7m ² / approx.	8-10m ² / approx.
Test Pressure	35 kgf/cm ²			
Anti Corrosive Treatment	Powder Coated			
Shell Diameter	175mm ± 5%	240mm ± 5%	300mm ± 5%	405mm ± 5%
Overall Height	185mm ± 25%	265mm ± 25%	350mm ± 25%	255mm ± 25%
Charged Weight	3.5 kg approx.	7.5 kg approx.	13.5 kg approx.	20.5 kg approx.
Bulb Temperature	56-107 Degree			
Charged Pressure	15 kgf/cm ²			
Operational Time in Sec.	5-7	8-10	10-15	18-24
Mounting	Calling Mounting Type			



ISO
9001

CE



* :Conditions Apply



KITCHEN FIRE EXTINGUISHER



TECHNICAL SPECIFICATION

Capacity	2 Ltrs.	4 Ltrs.	6 kgs.	9 kgs.
Body	Mild Steel / Stainless Steel			
Operating Temperature	+5 C° to +55 C°			
Hydraulic Test Pressure	35 kgf/cm ²			
Service Pressure	15 kgf/cm ²			
Filling Tolerance	0, (-) 5% by volume			
Min. Discharge Time	Min. 10 Seconds	Min. 13 Seconds	Min. 13 Seconds	Min. 13 Seconds
Charge	Wet Chemical			
Propellant	Nitrogen			
Suitable Class of Fire	Class A, Class K (Vegetable Oil, Animal Fat, Cooking Oil & Grease)			



ISO
9001

CE



* :Conditions Apply



TROLLY MOUNTED FIRE EXTINGUISHER

IS : 16018



CM/L : 7342568



TECHNICAL SPECIFICATION

Capacity	25 Kg.	50 Kg.	75 Kg.
Indian Standard	As per IS :16018		
Body	Mild Steel		
Type	CO ₂ / Cartridge Type		
Extinguishing Media	Powder (As Per IS:4308)		
Propellant	CO ₂		
Hydraulic Test Pressure	35 kgf/cm ²		
Operating Temperature	-30° C to +60° C		
Min. Effective Discharge	More Than 90%		
Fire Rating	As per IS		
Discharge Time	Min. 90 S		
Discharge Range	Min. 6 Mtr.		



SOLID COMBUSTIBLE FIRES



FLAMMABLE LIQUID FIRES



FLAMMABLE GAS



ELECTRICALLY STARTED FIRES



CM/L : 7342568



* :Conditions Apply

“D” TYPE TROLLY ALSO AVAILABLE

FIRST-AID FIRE SWINGING HOSE REEL WITH NOZZLE

TECHNICAL SPECIFICATION

- Hub IS: 513
- Two Sides Swivel Joint LTB-IS:318
- Pipes IS: 1239 (Part-I,II)
- Wall Bracket IS: 513
- Sides MS Sheets: 513
- Performance: Resistance to Leakage Test
- Hydraulic Pressure: 21 kg. f/cm²
- Approval: ISI Marked from Bureau of Indian Standards



COMPACT TYPE HOSE REEL (ALUMINIUM FITTING)

TECHNICAL SPECIFICATION

Size : Inlet 20mm (3/4" BSP Thread Size)

Performance Test

Hydrostatic Test : Tested at 21 kgf/cm²

Range & Water Flow rate test at 7 kgf/cm²

(a) Discharge : 24 LPM

(b) Range (Jet Length) : 6 mtr(min)

Features

Corrosion Free

Leakage Free

Rust Free

Stores Less Free

Type-II Pipe with Bursting Pressure of 14 kgf/cm²

Ready to Move (Pack)

Powder Coated

Light Weight

Hydraulically clamped CE Marked Nozzle



COMPACT TYPE HOSE REEL

TECHNICAL SPECIFICATION

Size : Inlet 20mm (3/4" BSP Thread Size)

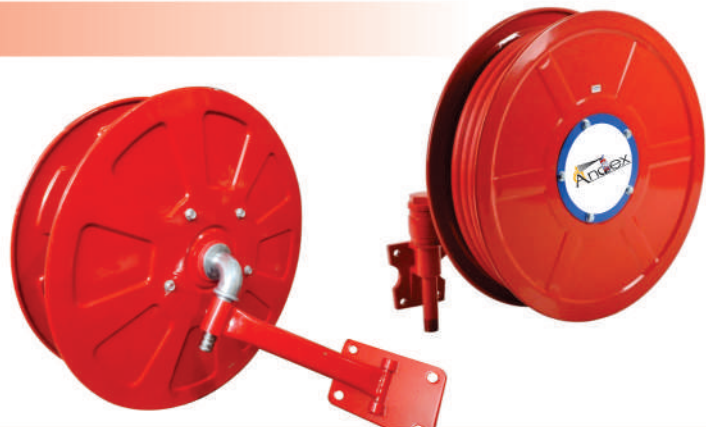
Performance Test

Hydrostatic Test : Tested at 21 kgf/cm²

Range & Water Flow rate test at 7 kgf/cm²

(a) Discharge : 24 LPM

(b) Range (Jet Length) : 6 mtr(min)



Landing Valve Single (Type A & Type B) ISI Marked IS:5290

Technical Specifications

Size: Inlet 75mm size with one No. 63mm size female outlet instantaneous coupling with pull out type lugs & chain

Material: LTB-2 Gun Metal - IS:318, Stainless Steel (SS)- IS: 3444 & Aluminium -IS: 617

Conforming Specification: IS 5290

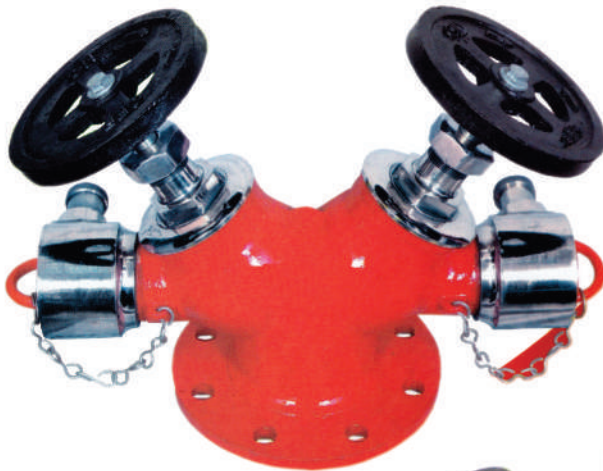
Performance Test

- Hydrostatic (Body): Tested at 21 Kgf/cm²
- Water Tightness (Seat): Tested at 14 Kgf/cm²
- Flow Test: 900 LPM discharge at 7 Kgf/cm²



IS : 5290

 CM/L : 8100009594



Double Outlet Type Landing Valve Type B Gun Metal / Stainless Steel

Body, Bonnet Assembly: LTB2-IS:318 / IS: 3444

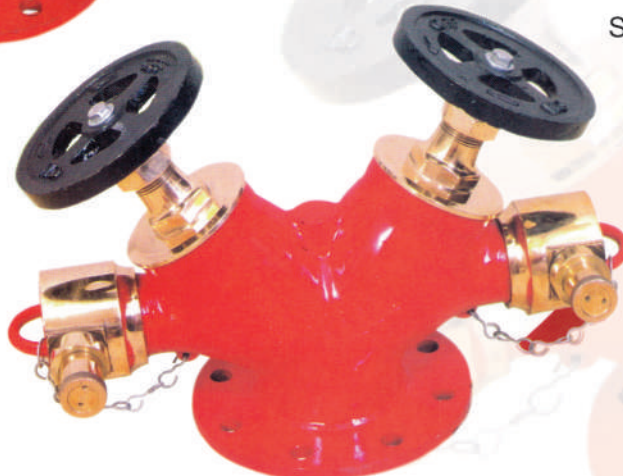
Valve Spindle: Brass Rod - IS: 319/320 / IS: 6603

Cast Iron Wheel: IS: 210

Rubber Washer: IS: 937 TYPE- (A)

Spring: Phosphoreous Wire: IS: 7608 / IS: 6528

Gland Packing: Asbestos Thread: IS: 4687





FIRE FIGHTING EQUIPMENT

Hose Delivery Coupling ISI Marked IS: 903

Technical Specifications

Size: 63mm

Material: LTB-2 Gun Metal - IS:318, Stainless Steel (SS)-

IS:3444 & Aluminium IS:617

Conforming Specification: IS:903

Performance Test

• Hydrostatic (Body): Tested at 21 Kg/cm²



Gun Metal (LTB-2)



Stainless Steel



IS : 903



CM/L : 8100009695

Branch Pipe & Nozzle ISI Marked IS: 903

Technical Specifications

Size of Branch Pipe: 63mm

Size of Nozzles: 6mm, 12mm, 20mm and 25mm

Material: LTB-2 Gun Metal- IS:318, Stainless Steel (SS)-

IS:3444 & Aluminium- IS:617

Conforming Specification: IS 903

Performance Test

• Hydrostatic Test (Body): Tested at 21 Kg/cm²



Stainless Steel



Gun Metal (LTB-2)



IS : 903



CM/L : 8100009695



FIRE FIGHTING EQUIPMENT



Fire Fighting Hose

CP HOSE / R.R.L. HOSE

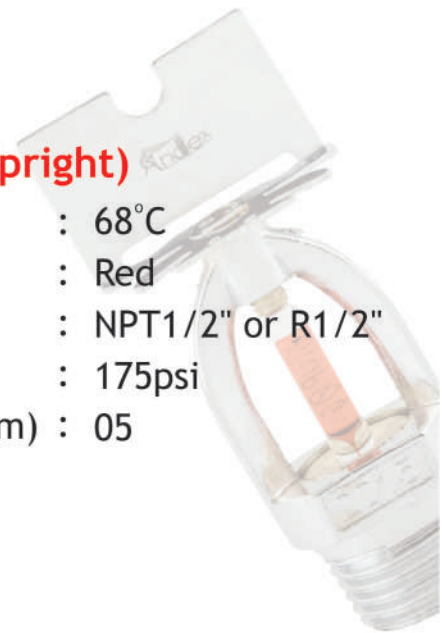


Diameter	Bursting Pressure	Proof Pressure	Approx Coil Dia (30M. Length)
M.M.	Kgf/Cm ²	Kgf/Cm ²	CM
38	35.7	21.4	44-45
50	35.7	21.4	44-45
63	35.7	21.4	44-45
70	35.7	21.4	44-45



SPRINKLER (Pendent/Sidewall/Upright)

- Temperature Rating : 68°C
- Glass Bulb Colour : Red
- Thread Size : NPT1/2" or R1/2"
- Max Service Pressure : 175psi
- Glass Bulb Diameter (mm) : 05

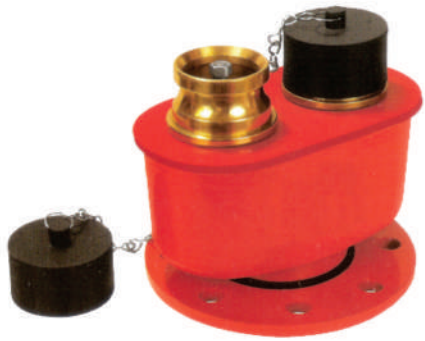


Flexible Sprinkler Hose

TECHNICAL DATA

Available product length and type	700mm to 1800 (28" to 70")
Available square bar length	700mm to 1500 (28" to 59")
Max. working pressure	14 kgf/cm ² (200psi)
Max. ambient temperature	107°C (225°F)
Minimum installation Bending Radius	75mm (3")
Bending Angles (Flow Direction)	up to 180 Degree
Largest K factor for 1/2 inch outlet	5.6 [gpm/(psi) ^{1/2}]
Largest K factor for 3/4 inch outlet	14.0 [gpm/(psi) ^{1/2}]
Intended use	Wet system and dry system

FIRE BRIGADE CONNECTION Two way/Three way/Four way



Size : 63mm dia
 Material : Gun Metal/S.S. & Cast Iron Body
 Performance Hydraulic Test: 21 Kgf/cm²



Mobile Foam Unit

General Specifications

Trolley : EPE Powder Coating
 Tank : Fibre Glass / Stainless Steel & M.S.
 Inductor : 0% - 0% at 225 Lt/Min
 Foam Branch Pipe : Aluminum Alloy Male Instantaneous Connection to BS 338

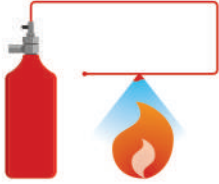


Input pressure bar (Lt/min)	Total Water Flow	Approx. Running Time Indicator Setting (per minute) Low expansion	Approx Foam Throw Branchpipe
5	182	3%	15
7	215	22	18
10	225	18	20
		16	20



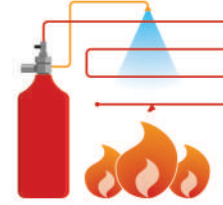
Automatic Fire Detection & Suppression System

PRE-ENGINEERED SYSTEMS:



Direct release system

A local application system that uses the Andex detection tubing to both sense the fire and deliver the agent to the protected space. When exposed to fire the tubing bursts, forming a nozzle that directs the suppression agent.



Indirect release system

A total flooding system that uses the Andex detection tubing only as a sensing device. Upon detection, agent is delivered into the protected space using pipes or hoses and fixed nozzles.



BENEFITS:



HIGHLY RELIABLE IN HARSH, EXTREME ENVIRONMENTS



NO ELECTRICITY REQUIRED OFFERING 24/7 UNINTERRUPTED SERVICE



TUBING EASILY ROUTED TO VIRTUALLY ANY HAZARD LOCATION



IMMEDIATE DETECTION AND DELIVERY



INEXPENSIVE INSTALLATION, MAINTENANCE AND RECHARGE



CHOICE OF CYLINDERS FOR GREATER FLEXIBILITY



NO FALSE ALARMS OR DISCHARGES

PRE-ENGINEERED SYSTEMS:

The original is still innovating

Designed for simple installation, often very near the source of a potential fire, Andex is a self-activating suppression system that reliably suppresses fires in seconds. It provides a low maintenance, cost-effective solution to the problem of 'micro-environment' fire protection.

Micro-environments are applications where the hazard is typically contained within a critical enclosure, such as equipment, machines, vehicles, or storage compartments.

Andex systems can be installed in virtually any enclosed space where high-value assets are located, or where an increased risk of fire could be mitigated by an automatic fire suppression system.

THE ANDEX ADVANTAGE

The effectiveness of a genuine Andex system comes from our proprietary polymer tubing that will rupture when exposed to the heat and flame of a growing fire.

This specialized Andex Detection tubing is combined with leak resistance, flexibility, durability, and precise temperature sensitivity, in order to react quickly when the heat from a fire is present. The Andex tubing connects to one of our custom engineered valves and an Andex cylinder that contains the best fire suppression agent for a particular hazard.

Andex systems operate without the need for any power source - external or battery - and require no releasing panel to operate.

HOSE BOXES

HOSE BOX (Double Door)



HOSE BOX (Single Door)



HOSE BOX



FIRE SHAFT DOOR



THERMO PLASTIC HOSE PIPE

- Size 20mm Dia
- Length 30 Mtr. & 36 Mtr.
- Type I & II
- Non-corrosive, light weight, Recyclable Thermoplastic material
- Flame resistant, Abrasion & kink resistant
- Better pressure sustainability & appealing looks





FIRE FIGHTING POWDER & CHEMICALS

FOAM CONCENTRATES (Aqueous Film Forming Foam) (3% - 6% - AR)

Approval	IS : 4989-2018 ISI Marked
Main Constituent	Foam Concentrate Type-3/6 /AR
Suitable For	A & B Class Fire
Main Constituent %	AFFF-3%/AFFF-6% / AFFF-AR
Appearance	Reddish Brown
Odour	Offensive Odour
Viscosity	12 cst Max.
Specific Gravity	Min. 1.01
Surface Tension	18 dynes/cm
pH	7.5 ± 1.0
Pour Point	0°C
Temperature Rating	+5°C to +60°C
Packing	540 ml., 3 Ltrs., 20 Ltrs. & 200 Ltrs.



IS : 4989

 CML: 3277765



WET CHEMICAL FOR KITCHEN FIRES

Main Constituent	Wet Chemical
Suitable For	Kitchen Fire
Appearance	Fluorescent Green
Packing	20 Ltrs.



POWDER

Andex DRY CHEMICAL POWDER

Sodium bi-Carbonate Based - 75%
 Mono Ammonium Phosphate Based - 40% to 90%

Typical Physicochemical properties as per IS: 4308

Apparent density	: As per IS: 4308
Moisture content	: Less than 0.25%
Particle Size	: As per IS: 4308
Corrosion & Abrasion effect	: Non corrosive or abrasive
Temperature stability Range	: -30° to +55°C
Appearance	: White
Packing	: 5/50 kg. Hermetically sealed bags
Storage	: -5°C to +50°C



IS : 4308



CML : 3286665

Detector



Gas Detector



Flame Detector



Heat Detector



Stand Alone
Detector



Smoke Detector
with RLY



MANUAL CALL POINT

Voltage	18-26 V.D.C.
Alarm Current	30 ma
Weight	540 gm
Dimension (mm)	115 x 90 x 52
Colour	Red
Material of Cons.	MS

PANNEL

Voltage	20-26 V.D.C.
Alarm Current	180 ma
Weight	565 gm
Colour	Red
Material of Cons.	MS
Zone	2 Zone to 16

HOOTER

Voltage	20-26 V.D.C.
Alarm Current	180 ma
Weight	565 gm
Dimension (mm)	185 x 125 x 75
Colour	Red
Material of Cons.	MS

Foam Branchpipe & Inductor-Low Expansion

Andex low expansion foam branchpipes are suitable for use hydrocarbon fire and come with adjustable variable valve from 0% to 6%. There are two types-One is with integral inductor, pick up tube and pierces, and another is without the pick up tube for premix foam. This product is suitable for polar solvent, AFFF and protein foam.

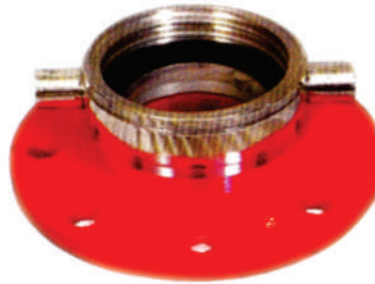


Water / Foam Monitors

Standpost Mounted
 LTB2 Swivel Joint
 Locking system for change in directions.
 LTB2 Jet Nozzle
 Bearings with S. S. ball in survival joint
 Performance Test: 23 kgs f/cm²



Revolving Nozzle



C. I. Draw Out Connection



G. M. Air Release Valve



Triple Purpose Nozzle



Suction Coupling



G. M. Dividing Breeching



Fire Bucket



Fireman's axe



Fire blanket



Fire Man Suit



Siren Electric



Hand Operated Siren

Manufacturer & Marketed By:



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