





#### INTRODUCTION

KALPATARU INDUSTRIES, an ISO 9001:2015 certified company, with experts who have more than 30 years of experience in fire safety field. We're committed to provide excellent quality of workmanship, we manufacture and supply a range of ISI & CE marked Fire Extinguishers and Fire Hydrant Items & Accessories. Our products are manufactured under the Brand name of **KALPEX**® with the modern state of art unit and Inhouse testing facilities as per essence of IS/BIS.

#### VISION

The population of the world is rapidly growing and our common life spaces are growing too. It is getting more important to prevent these common spaces from one of the biggest disasters, Fire. We believe in using the latest technology and information with our dynamic staff. We are working with Specialist Engineers and qualified staff in our technical and commercial applications to reduce the fire risk to minimum in living spaces and industrial areas. Our main aim is to give better service, manufacture highly qualified products with our continuously evolving Research & Development. We want to improve the understanding of Fire Security to the level of developed countries. In this way, we want to develop our country by using the raw material, productive power and information of our country efficiently in our manufacturing.

#### MISSION

To provide unique and premium quality products to our customers. We are committed to deliver high quality goods and services which fully meet our customers' needs for quality assurance together with ISO 9001:2015 requirements and we constantly seek ways to improve our quality continuously and ensure its continuity.

#### GOAL

To be the number one in our field by providing best in class products and world class services in the field of fire protection equipments and safety accessories, with high customer satisfaction.





# Certifications



#### Regd. with:















#### ABC/BC Stored Pressure & Cartridge Type Portable Fire Extinguisher



Expellant : Pressurised with N<sub>2</sub> gas / Gas Cartridge Minimum Effective Discharge : 85%

Type of Extinguisher

Minimum Jet Length(mtrs.) : More than 2 mtrs.

Discharge Time(Secs.) : More than 8 secs.

Type of Extinguishing Media: Dry Powder IS 14609/IS 4308

Hydraulic Test Pressure : 35 kg/cm²
Operating Position : Upright

 Charged Pressure
 : 15 kg/cm²

 Operating Temperature
 : -20°C to +55°C

Operating Valve : Squeeze grip type with discharge hose & Nozzle.

: Constant Pressure



Gas Cartridge

Application: Class-A Fire, Class-B Fire, Class C Fire as well as Electrical Fires.

#### Mechanical Foam (AFFF) Stored Pressure / Gas CartridgeType Portable Fire Extinguisher

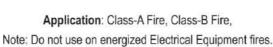




Stored Pressure

Stored Pressure

| Capacity(Ltr.)              | : | 6 & 9   |
|-----------------------------|---|---|
| Anti Corrosive Inhibitor    |   | Epoxy Polyester Powder Coating                      |
| Confirming IS Code          | : | 15683   |
| Type of Extinguisher        | : | Constant Pressure                                   |
| Type of Extinguishing Media | : | AFFF IS 4989  |
| Expellant                   | : | Pressurised with N <sub>2</sub> gas / Gas Cartridge |
| Minimum Effective Discharge | : | 85%   |
| Minimum Jet Length(mtrs.)   | : | More than 2 mtrs.                                   |
| Discharge Time(Secs.)       | • | More than 13 secs.                                  |
| Hydraulic Test Pressure     | : | 35 kg/cm²   |
| Operating Position          | : | Upright   |
| Charged Pressure            | : | 15 kg/cm²   |
| Operating Temperature       |   | +5°C to +55°C                                       |
| Operating Valve             |   | Squeeze grip type with discharge hose & Nozz        |





Gas Cartridge





#### Water Type Stored Pressure & Gas Cartridge Portable Fire Extinguisher



Stored Pressure



**Technical Specifications** Capacity(Ltr.) Anti Corrosive Inhibitor : Epoxy Polyester Powder Coating : 15683 Confirming IS Code Type of Extinguisher : Constant Pressure Type of Extinguishing Media Soft Water Pressurised with N<sub>2</sub> gas / Gas Cartridge Minimum Effective Discharge: 95% Minimum Jet Length(mtrs.) More than 2 mtrs. Discharge Time(Secs.) More than 13 secs. Hydraulic Test Pressure : 35 kg/cm<sup>2</sup> Operating Position : Upright Charged Pressure : 15 kg/cm<sup>2</sup> Operating Temperature +5°C to +55°C Operating Valve : Squeeze grip type with discharge hose & Nozzle.



Gas Cartridge

Application: Class-A Fire Note: Do not use on energized Electrical Equipment fires.

#### Carbon Di-Oxide Portable/ Trolley Mounted Fire Extinguisher





| Capacity(Kg.)               | 8     | 2, 3 & 4.5 / 6.5, 9 & 22.5         |  |
|-----------------------------|-------|------------------------------------|--|
| Confirming IS Code          |       | 15683 / As per IS:2878             |  |
| Filling Ratio               | 0     | 0.667                              |  |
| Type of Extinguisher        |       | CO <sub>2</sub>                    |  |
| Type of Extingushing Media  |       | CO <sub>2</sub>                    |  |
| Minimum Effective Discharge | 60    | 95%                                |  |
| Discharge Time(Secs.)       | 5000  | More than 8 secs. / 30 to 40 secs. |  |
| Minimum Trow(Mtr.)          | ě     | 1 to 2                             |  |
| Operating Position          | 2     | Upright                            |  |
| Operating Value(IS:3324)    | 500   | Wheel / Squeeze Grip Type          |  |
| Operating Temperature       | 77.77 | -20°C to +55°C                     |  |



Note: More effective in closed areas. Open the window and doors after use.







#### **Clean Agent Type Stored Pressure Portable Fire Extinguisher**



| Capacity(Kg.)               | : | 2, 4 & 6                                     |
|-----------------------------|---|--|
| Anti Corrosive Inhibitor    | : | Epoxy Polyester Powder Coating               |
| Confirming IS Code          | : | 15683  |
| Type of Extinguisher        | : | Constant Pressure                            |
| Type of Extinguishing Media | : | Clean Agent Gas                              |
| Expellant                   | • | Pressurised with N <sub>2</sub> gas          |
| Minimum Effective Discharge | : | 90 to 95%                                    |
| Minimum Jet Length(mtrs.)   | : | More than 2 mtrs.                            |
| Discharge Time(Secs.)       | : | More than 13 secs.                           |
| Hydraulic Test Pressure     | : | 35 kg/cm²                                    |
| Operating Position          | : | Upright                                      |
| Charged Pressure            | : | 15 kg/cm²                                    |
| Operating Temperature       | : | -20°C to +55°C                               |
| Operating Valve             | : | Squeeze grip type with discharge hose & Nozz |

**Application**: Class-A Fire, Class-B Fire, Class C Fire as well as Electrical Fires.

Note: Most effective in closed areas

#### Ceiling Mounted(Modular) Automatic Fire Extinguisher(Clean Agent / ABC/ BC Type)

| Capacity(Kg.)               | •  | 2, 4, 5, 6, 10 & 15                      |
|-----------------------------|----|--|
| Type of Extinguishing Media | ě  | ABC Dry Powder / Clean Agent / BC Powder |
| Minimum Effective Discharge | :  | 85%                                      |
| Testing Pressure            |    | 35 kg/cm <sup>2</sup>                    |
| Charged Pressure            |    | 15 kg/cm <sup>2</sup>                    |
| Mounting                    | :  | Ceiling Mounting Type                    |
| Operating Temperature       |    | Automatically at 57/ 68/ 93/ 107 & 143°C |
| Effective Range             | į. | A, B, C & Electrically started Fires.    |



#### Application:

Class-A Fire, Class-B Fire, Class C Fire As well as Electrical Generated Fires.





#### KITCHEN FIRE Portable Fire Extinguisher (Stored Pressure Type)



| Capacity(Kg.)                |     | 1, 2, 4, 6 & 9    |  |
|------------------------------|-----|-------------------|--|
| Chemical Charge              | 2   | Wet Chemicals     |  |
| Working Temperature          | 1   | +5°C to +55°C     |  |
| Cylinder Testing Pressure    | ï   | 35 Bar            |  |
| Service Pressure             | ;   | 15 Bar            |  |
| Filling Tolerance            | 1   | 0.(-)5% by volume |  |
| Min. Effective Discharge Tim | e : | 8 Seconds Minimum |  |
| Discharge Quantity           | ¥.  | More than 90%     |  |

#### Application:

Class-K Fire: Cooking Oils, Vegetable/Animal Oils & Fat Fire.

Also can be used for Class-A Fire.

#### **METAL FIRE(D-Class) Portable Fire Extinguisher(Gas Cartridge/Stored Pressure Type)**



| Capacity(Kg.)               |   | 4, 6 & 9                                     |
|-----------------------------|---|--|
| Type of Extinguishing Media | Ė | TEC Powder(Ternary Eutectic Chloride Powder) |
| Minimum Effective Discharge |   | 85%  |
| Discharge Time              |   | More than 10 Sec.                            |
| Testing Pressure            | * | 35 kg/cm²                                    |
| charged Pressure            | 1 | 15 kg/cm²                                    |
| Effective against           |   | Metal Fires                                  |
| Expellant                   | - | Pressurized N, gas / Gas Cartridge           |



Class-D Fire: Effective on all types of metal fire.







#### **TROLLEY TYPE Fire Extinguisher**



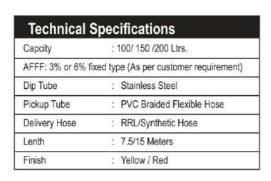
| Capacity(Kg.)               | : 25, 50 & 75 kgs. / 50, 100, 200 Ltrs.                    |
|-----------------------------|--|
| Anti Corrosive Inhibitor    | : Epoxy Polyester Powder Coating                           |
| Type of Extinguisher        | : ABC / BC / Water / AFF Foam Type                         |
| Type of Extinguishing media | : Dry Powder / Water / AFFF Foam                           |
| Expellant                   | : Pressurised with $\rm N_zgas$ / Co2 Cartridge & Cylinder |
| Min. Effective Discharge    | : More than 85%  |
| Discharge Time              | : More than 40 Secs.                                       |
| Hydraulic Test Pressure     | : 35 kg / cm²  |
| Operating Position          | : Upright  |
| Charged Pressure            | : 15 kg / cm²  |
| Operating Temparature Range | e: (-)20 to (+)55(Powder)/+5°C to +55°C for water/Foar     |
| Operating Valve             | : Rotate Type  |



#### Application:

Class-A Fire, Class-B Fire, Class-C Fire
As well as Electrical Fires.

#### **Mobile Foam Unit**





#### Mono Ammonium Phosphate Based Powder



#### Aqueous Film Forming Foam (AFFF)



#### CO2 Cartridge



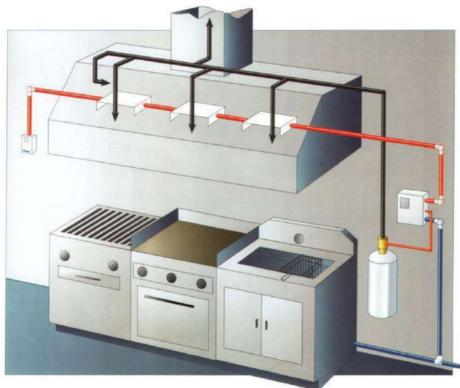


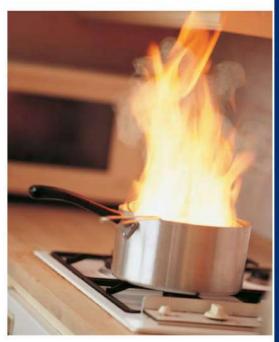


#### **Kitchen Wet Chemical System**

Wet chemical is most commonly used to extinguish cooking oil fires. It is the primary source of extinguishing kitchen fire's, most of the wet chemical potassium compounds are highly corrosive and have limited uses for fire protection.

Wet chemical suppresses fires by a process called saponification. Saponification is the process of chemically converting the fatty acid contained in the cooking medium to soap, or foam, and it accomplishes extinguishment by forming a surface coating.

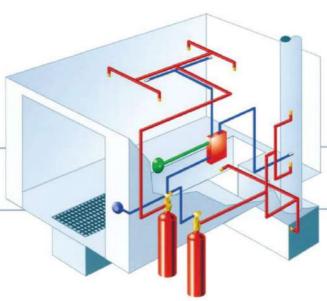




#### **Dry Chemical Fire Suppression System**

Dry Chemical System, provides 24-hour fire protection for a wide variety of industrial processes, equipment, machinery and paint spray booth applications. The system has the choice of two dry chemical agents effective on Class A, B and C fires. Total flooding or local application design options. The system includes detectors, a control unit, agent storage cylinders, piping and discharge nozzles.

**Application**: Paints storage areas, spray paint booths, gas stations.



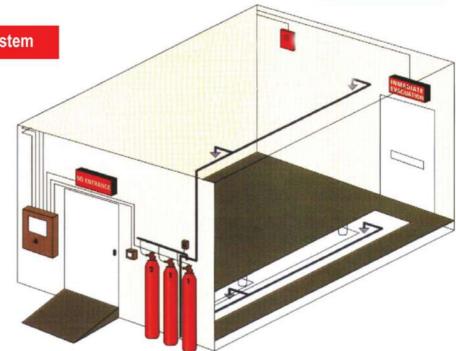


## **KalpEX**<sup>™</sup>

#### **Clean Agent Fire Extinguishing System**

The benefits of a Clean Agent Fire Extinguishing System are speed in suppressing fires, reducing damages, saving on floor space and allowing visibility. It leaves no residue and doesn't require costly cleanup, unlike sprinklers and other fire protection systems. Our systems are designed to extinguish a fire quickly and effectively thus allowing businesses to continue operating with minimal interruptions.

Clean Agent Fire Extinguishing Systems are great in applications ranging from telecommunications and data processing to switch gear rooms, military applications and cell sites to high-tech medical applications.



#### Polymer Tube Based Automated Pre Engineered Systems



Polymer Tube Based Automated Pre Engineered Systems are reliable and cost-effective means to protect mission critical or high value assets with enclosures, against the risk of fire. And due the fact that the system detects and suppresses a fire inside such spaces/enclosures (e.g. electrical cabinet, server racks etc.) right where the fire begins, the financial losses due to equipment damage and downtime is mitigated to bare minimum. Containing a fire to a single enclosure/ space of occurrence, also prevents it from spreading to adjacent areas or the building itself and also stops collateral damages caused from activation of overhead water-based sprinkler system.



# **KalpEX**<sup>™</sup>

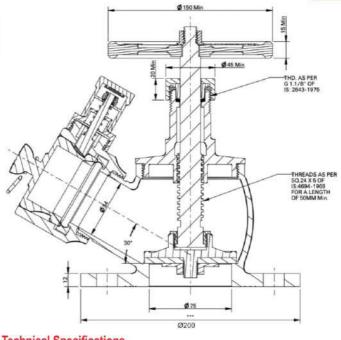
#### Single Headed Landing Valve



Stainless Steel Material



Gun Metal Material



#### **Technical Specifications**

Size: 63mm

Inlet: 3" NB Flanged

Outlet: Female Instantaneous

Material: Gun Metal / Stainless Steel / Aluminium Alloy

Hand Wheel: Gray Cast Iron

Hologram: Sticker stuck on Landing Valve Conforming Specification: IS:5290, Type 'A'

Performance Test: Hydrostatic Test (Body Test): Tested at 21 kgf/cm<sup>2</sup> water tightness

(Seat Test): Tested at 14 kgf/cm2 Flow Test: 900 LPM discharge at 7 kgf/cm2





**Shut off Nozzle** 



**Suction Strainer** 



**Drawout** 





**Reduced Shank Coupling** 



Double Instantaneous Female Couplings



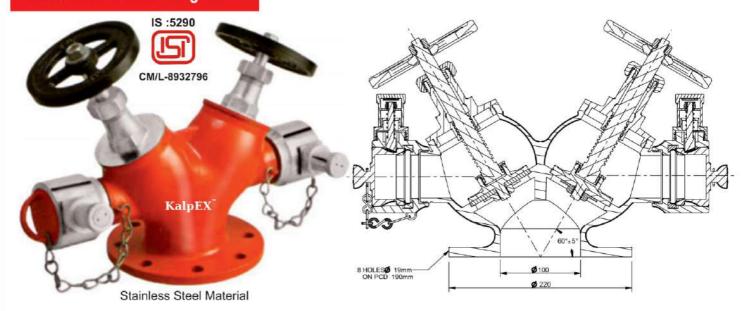
**Cam Lock Coupling** 





# [KalpEX<sup>™</sup>]

#### **Double Headed Landing Valve**





Gun Metal Material

#### **TECHNICAL SPECIFICATIONS**

Size: 63mm

Intel: 4" NB Flanged

Outlet: Female Instantaneous

Material: Gun metal / Stainless Steel / Aluminium Alloy

Conforming Specification: IS 5290

Performance Test: Hydrostatic Test (Body Test): Tested at 21 kgf/cm² water Tightness (Seat Test): Tested at 14 kgf/cm²

Flow Test: 1800 LPM discharge at 7 kgf/cm<sup>2</sup>

Hand Wheel: Grey Cast Iron

Hologram: Sticker stuck on Landing Valves



Single Inlet Breeching



2-way Inlet Breeching



3-way Inlet Breeching



4-way Inlet Breeching



#### **Branch Pipe / Nozzles**

# Kalpx (Salpx) (Salpx)

**TECHNICAL SPECIFICATIONS** 

Size of Branch Pipe: 63mm

Size of Nozzles: 6mm, 12mm, 15mm, 20mm and 25mm

Material: Gun Metal / Stainless Steel / Aluminium Alloy

Conforming Specification: IS 903

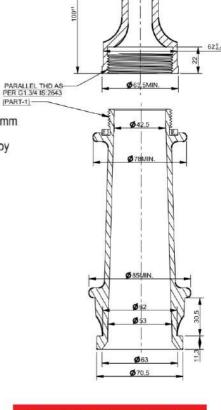
**Performance Test** 

Hydrostatic Test (Body Test): Tested at 21 kgf/cm<sup>2</sup>

Working Pressure: 7 kgf/cm<sup>2</sup>

Finish: Natural Polished

Hologram: Sticker stuck on Nozzle



**KalpEX**<sup>™</sup>

#### **Triple Purpose Nozzles**

Stainless Steel Material Gun Metal Material



#### **Fog Nozzles**



#### **Fire Sprinklers**







#### **Revolving Type Nozzles**







### $[KalpEX^{\mathsf{m}}]$

#### **Instantaneous Coupling**

#### TECHNICAL SPECIFICATIONS

Size: 63mm

Material: Gun Metal / Stainless Steel/Aluminium Alloy

Conforming Specification: IS 903

Performance Test:

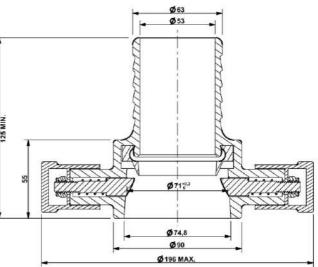
Hydrostatic Test (Body Test): Tested at 21 kg/cm<sup>2</sup>

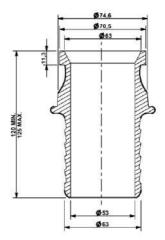
Other Range

38mm, 52mm & 70mm

Hologram: Sticker stuck on coupling







#### **CP Fire Hose**



|                  | TECHNICAL SPECIFICATIONS |                             |                             |                        |  |  |
|------------------|--------------------------|-----------------------------|-----------------------------|------------------------|--|--|
| Inside<br>(inch. | Diameter<br>(mm)         | Proof pressure<br>Kg. f/cm² | Burst Pressure<br>Kg. f/cm² | Mass Wt.<br>(Gm./Mtr.) |  |  |
| 1-1/2            | 38.0                     | 21.4                        | 35.7                        | 250                    |  |  |
| 2                | 50.0                     | 21.4                        | 35.7                        | 300                    |  |  |
| 2-1/2            | 63.0                     | 21.4                        | 35.7                        | 350                    |  |  |
| 2-3/4            | 70.0                     | 21.4                        | 35.7                        | 400                    |  |  |
| 14-14-12         |                          |                             |                             |                        |  |  |

Hose: KalpEX PIL-DURA CP Hose, Conforming to IS: 8423/1994, ISI Marked.

**Application:** This hose used for water delivery purpose in Fire-Fighting Irrigation & floor Washing etc.

#### CONSTRUCTION

Jacket: Circular woven jacket made from a special synthetic yarn.

Rubber Lining: An ultra thin layer of rubber lining with suitable rubber compound which ensure controlled percolation.

Standard Length: 7.5 Mtrs, 15 Mtrs, 22.5 Mtrs & 30 Mtrs.

End Connection: As per customer requirements

#### **FEATURES**:

- · Compact, Flexible & Light weight
- Low friction loss
- · Abrasion resistance
- · Ability to withstand high operating & back pressure



## **KalpEX**

#### **RRL FIRE Hose**

IS: 636 TYPE - A CM/L-8623682



| TECHNICAL SPECIFICATIONS |                  |                             |                             |                        |  |
|--------------------------|------------------|-----------------------------|-----------------------------|------------------------|--|
| Inside<br>(inch.         | Diameter<br>(mm) | Proof pressure<br>Kg. f/cm² | Burst Pressure<br>Kg. f/cm² | Mass Wt.<br>(Gm./Mtr.) |  |
| 1-1/2                    | 38.0             | 21.4                        | 35.7                        | 275                    |  |
| 2                        | 50.0             | 21.4                        | 35.7                        | 350                    |  |
| 2-1/2                    | 63.0             | 21.4                        | 35.7                        | 425                    |  |
| 2-3/4                    | 70.0             | 21.4                        | 35.7                        | 480                    |  |

Hose: KalpEX RRL Hose (Reinforced Rubber Lined Hose) Conforming to IS: 636/1988 Type-A, ISI Marked

**Application:** This RRI Hose used for water delivery purpose in Fire-Fighting & Civil Engineering Applications etc.

#### CONSTRUCTION

Jacket: Circular woven jacket made from a special blend of cotton & synthetic yarn with high abrasion and heat resistance. Jacket is also treated with suitable rot proofing agent.

Reinforcement: A thin fabric reinforcement bonded by a special adhesive.

Rubber Lining: A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length: 7.5 Mtrs, 15Mtrs, 22.5 Mtrs & 30 Mtrs. End Connection: As per customer requirements

#### **FEATURES**

- · Compact, Flexible & Light weight
- Abrasion Resistant
- · Ability to withstand high operating & back pressure.

#### Aqua Dura RRL Hose Pipe(Elastomeric)

#### **TECHNICAL SPECIFICATIONS**

Hose: Dura RRL Hose (Reinforced Rubber Lined Hose) with Elastomeric Coating conforming to IS: 636/1988 Type-A, ISI Marked

Application: This Dura RRL Hose is used for water delivery purpose in Fire Fighting for Oil & Power Sector. Industrial Plants, & Sailing Vessels Construction:

Jacket: Circular Woven jacket made from a 100% synthetic yarn with high abrasion and heat resistance. The woven jacket is treated with a special Elastomeric Coating to give protection against moisture and fungus.

**Reinforcement :** A Thin Fabric Reinforcement bonded by a Special Adhesive.

Rubber Lining: A Rubber Inner Lining With suitable rubber compound which gives flexibility, durability & better resistance

Standard Length: 7.5 Mtrs, 15 Mtrs, 22.5 Mtrs & 30 mtrs.

End Connection: As per customer requirements

#### **FEATURES**

- Compact, Flexible & Light weight
- Abrasion, Bacteria & Fungus Resistant
- Ability to withstand high operating & back pressure
- Reinforced rubber lined (RRL)
- Unaffected with mild dew



ISI Marked

| TECHNICAL SPECIFICATIONS |                  |                             |                             |                        |  |  |
|--------------------------|------------------|-----------------------------|-----------------------------|------------------------|--|--|
| Inside<br>(inch.         | Diameter<br>(mm) | Proof pressure<br>Kg. f/cm² | Burst Pressure<br>Kg. f/cm² | Mass Wt.<br>(Gm./Mtr.) |  |  |
| 1-1/2                    | 38.0             | 21.4                        | 35.7                        | 275                    |  |  |
| 2                        | 50.0             | 21.4                        | 35.7                        | 350                    |  |  |
| 2-1/2                    | 63.0             | 21.4                        | 35.7                        | 425                    |  |  |
| 2-3/4                    | 70.0             | 21.4                        | 35.7                        | 480                    |  |  |





#### First Aid Hose Reel For Fire Fighting

TECHNICAL SPECIFICATIONS
Conforming to: IS:884/1985

Type: Wall Mounted Fixed / Swinging Type

Size: Inlet: 1" Threaded Inlet Connection

Outlet: 3/4" 1"/ 1-1/2" outlet connection Hose to accommodate 30 / 36 / 40 Mtrs. Hose

Hose: Rubber Braided Hose Pipes Conf. to IS: 444/1987, Type-1, 2, 3A & 3B (Duly ISI Marked)

#### **Performance Test:**

- Hydrostatic Test (Body Test): Tested at 21 kgf/cm<sup>2</sup>
- Range & Water Flow rate test at 7kgf/cm<sup>2</sup>
- Discharge: 24LPM



#### Rubber Hose (Hose Reel Pipe)



#### **General Purpose Rubber water Hose**

IS:444-Type-1 W.P.6 kgf/cm<sup>2</sup> MIN.B.P 19 kgf/cm<sup>2</sup> ISI Marked IS:444-Type-2 W.P.10kg/cm<sup>2</sup> MIN. B.P 32 kgf/cm<sup>2</sup> ISI Marked IS:444-Type-3A, 3B W.P. 25kgf/cm<sup>2</sup> MIN. B.P 80 kgf/cm<sup>2</sup> ISI Marked CONSTRUCTION

**Reinforcement:** Plies of woven fabric or braiding textile of high strength synthetic fiber.

Cover: Black, smooth, cloth marked finish plain or ribbed cover of weather and abrasion resistant rubber. Type 3B Hoses have oil resistant outer cover

Nominal Bore (D): 10mm to 100mm

Application: This hose is used for water delivery purpose & has a wide rang of applications in various industries like Mines, Dam, Railway, Construction sites and Fire Fighting

#### Thermo Plastic Hose Pipe

#### **TECHNICAL SPECIFICATIONS**

As Per IS: 12585-Type -2 W.P. 10 Kgf/cm2

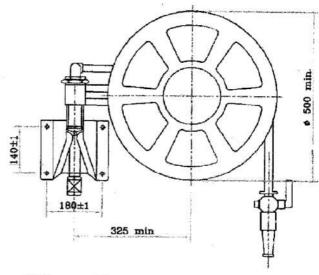
Construction:

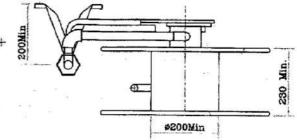
Lining: A flexible Thermoplastic Lining, Smooth in bore.

Reinforcement: A Natural or Synthetic Textile

Reinforcement: Cover: A flexible thermoplastics cover, which may have a smooth or fluted finish as agreed to between the purchaser and the supplier. The Colour may be different from that of the lining

Application: This hose used for water delivery & Fire Fighting Purpose









#### **Foam Making Branch**

Foam making branch pipe is a ligt weight, easy to handle, Ideal for fire brigade, First line appliances and general industrial use. It will operate from a water supply at particular pressure to produce bubbles via 3m long pierce pick-up tube which can be supplied with the branch pipe.

|                          | FB5X                  | FB10X                  |
|--------------------------|-----------------------|------------------------|
| Design & Construction    | As Per IS:2097        | As per IS:2097         |
| Operating Pressure Range | 5.0 to 5.5 Bar        | 8.0 to 8.5 Bar         |
| Foam Liquid              | AFFF, ARFFF           | Standard AFFF Compound |
| Foam Ratio               | 1:10                  | 1:10                   |
| Discharge(LPM)           | 225 to 250            | 450 to 500             |
| Let Length(Maximum)      | 20 Meters             | 24 Meters              |
| Coupling Inlet           | 2.5" Instantaneous(M) | 2.5" Instantaneous(M)  |
| Foam Pick-up             | 20mm Quick Release    | 20mm Quick Release     |
| Material                 | Aluminium Alloy       | Aluminium Alloy        |
| Weight                   | 3.2 kg.               | 3.7 kg.                |
| Angle of Operation       | 30°                   | 30°                    |

#### Stand Post Type Water & Foam Monitor

| Design & Construction    | As Per IS:8442                                 |  |
|--------------------------|--|--|
| Material                 | Seamless Mild Steel Tubes                      |  |
| Size of Monitor          | 63mm   |  |
| Size of the Inlet Flange | 80mm   |  |
| Construction             | Welded from M.S. Seamless Pipes, Bends etc.    |  |
| Discharge Capacity       | 1750 LPM                                       |  |
| Horizontal Throw         | 50-55 Meters                                   |  |
| Rotation                 | 360°   |  |
| Elevation                | 85° to 30°                                     |  |
| Joint                    | Swivel Type(Gum- Metal)                        |  |
| Jet Spray Nozzle         | Gun Metal or Aluminium                         |  |
| Operative Pressure       | 0.7N/mm² at Nozzle End                         |  |
| Leakage Pressure         | To with stand pressure of 2.3N/mm <sup>2</sup> |  |

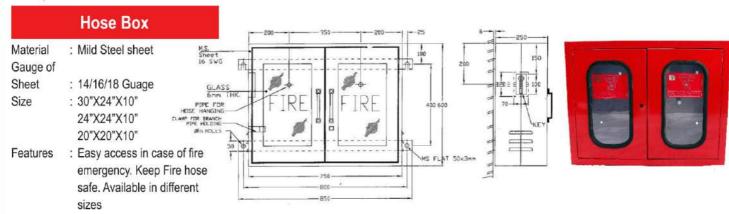


- Excellent Foam Quality
- Light weight compact self inducing high output branch pipe
- Longer foam throws performance
- · Wide operating pressure range
- Suitable for all types of foam concentrate
- Useful for all oil & chemical installations: General Industries, Airports & Fire brigades









#### AFTER SALES SERVICE

We are ready to support our clients from the enquiry stage right through to the delivery of the products. Furthermore, our services continue beyond the sales of the products.

An AMC with us is a one stop solution for all the fire safety needs of your organization. We, offer complete after-sales service on PAN India basis. With our experienced technicians and skilled partners, our service organization will ensure that your product is maintained smoothly and reliably. Our technicians provide installation and operation services, offer training, and look after your product to the extent you require. We are committed to provide quality products, and welcome your comments and enquiries.

With our comprehensive services, we assist our customers in modernizing existing installations from the planning to the start-up phases to achieve optimal efficiency. Our experts also work out how our customers can achieve additional cost reduction.

We are available 24x7 and our centres are located strategically close to you.

#### For After Sales Service-Centralized Service Team

#### KALPATARU INDUSTRIES

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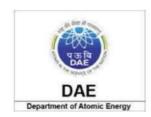
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