PRODUCT SHEET

IFP UNILIGHT AFFF TYPE 3^{C6}
(SELF-HEALING)

Aqueous Film Forming Foam Concentrate

Description

IFP UNILIGHT AFFF TYPE 3^{C6}(SELF-HEALING) a specially formulated non-toxic, clear liquid with no stratification or turbidity, is a fluoro-chemical foam concentrate, commonly known as AQUEOUS FILM FORMING FOAM CONCENTRATE (AFFF), which represents a major advancement in foam technology for effective extinguishment of Class A and B fires, as Low and Medium expansion foam. IFP UNILIGHT AFFF TYPE 3C6 is a unique combination of fluorochemical and hydrocarbon surfactant with C6 technology along with solvent, stabilizers and preservatives to have a superior fire knockdown performance on all types of hydrocarbon fires. The aqueous film formed spreads rapidly over the fuel surface giving a very rapid control and extinguishment. The inherent self sealing property re-seals any disturbed surface of burning liquid, a great advantage in rapid rescue. IFP UNILIGHT AFFF TYPE 3C6 do not have any PFOS or PFOA or its derivatives.

Properties

Appearance	Amber Colour Liquid
pH	7.0 - 8.0
Specific Gravity	1.00 to 1.04 gm/ml
Viscosity	Less than 10 cst
Spreading Co-efficient	More than 3.5
Sludge Contents (% V/V)	Nil
Pour Point	(-)2°C
Foam Properties	
Expansion	≥ 6.0
25% drainage time	≥ 2 minutes

Application

IFP UNILIGHT AFFF TYPE 3^{C6} is intended for use on Class B hydrocarbon fuels such as gasoline, kerosene, diesel etc. at a proportioning rate of 3% with fresh water and salt water. It is not recommended for use on fuels having considerable water solubility like alcohols, ketones etc.

IFP UNILIGHT AFFF TYPE 3^{C6} is suitable for use in special appliances like Crash Tenders/ RIV where rapid extinguishment with limited quantity of foam is required. It can also be used in hydrocarbon storage tanks, process areas, warehouses, tanker loading areas and other local risks involving a spilled fuel fire. It can be used as wetting agent to combat fires in Class A materials like Wood, Paper, Tyres etc.

Proportioning

IFP UNILIGHT AFFF TYPE 3^{C6} can easily be proportioned using conventional equipments

- Fixed and Portable In-line Inductors
- Balanced Pressure and variable flow proportioning systems.
- Bladder tanks.
- Around the pump inductor.
- Self inducting branchpipes and nozzles.

Discharge Devices

- Foam chambers
- Air aspirating foam nozzles.
- Air aspirating and non air aspirating sprinkler heads and spray nozzles
- Foam Monitor.
- Self inducting branchpipes and nozzles.

Storage/Shelf Life

When stored in the supplied packing and stored within the temperature range of 1.7°C - 49°C (35°F - 120°F) a shelf life of 10-15 years is expected. Freezing and thawing will have no impact on the performance.

For storing IFP UNILIGHT AFFF TYPE 3^{C6}, the following materials are recommended

SS-304, SS-316, Isophthalic Polyester Resin, Epoxy Resin, High Density Polythylene.

Galvanized pipe and fittings must not be used in areas where undiluted concentrate will contact them since corrosion will result.

Compatibility

IFP UNILIGHT AFFF TYPE 3^{C6} is compatible with soft, hard, brackish or salt water. It can be used in combination with Dry powder extinguishing agents either separately or as twin agent systems.

IFP UNILIGHT AFFF TYPE 3^{C6} shall not be mixed with other manufacturer's foam concentrate except for use in emergency situations.

Environmental And Toxicological Information

IFP UNILIGHT AFFF TYPE 3^{C6} is biodegradable, low toxicity. However, as with any substance, care should be taken to prevent discharge from entering ground water, surface water, or storm drains. It can be treated in sewage treatment systems. Since facilities vary widely by location, disposal or discharge of IFP UNILIGHT AFFF TYPE 3^{C6} concentrate or foam solution should be made in accordance with local government rules and regulations.

For further details see IFP UNILIGHT AFFF TYPE 3^{C6} Material Safety Data Sheet..

Approvals And Listing

- Bureau of Indian Standard, BIS Marked, as per IS 4989:2018
- EN approved, as per EN 1568-3
- Underwriter's Laboratories Inc., UL Listed (UL 162), with following equipments
    - Foam Nozzles
    - In-line inductor
    - Fixed Foam Discharge Device
    - Foam Monitor
    - Foam water sprinkler
    - Bladder Tank
- Type approved by Llyods Register of Shipping, as per IMO MSC.1/Circ. 1312
- Marine Approved

Standards

- ISO 7203-1
- ICAO Level C
- UK Defence Standard 42-40/Issue-1
- US-MIL F-24385

Ordering Information

Part Number	Description	Volume, m^3 (ft^3)	Weight (kg)
104020-01	Pails/Cans 20L (5.28 Gallon)	0.028 (0.99)	21.6
104020-02	Pails/Cans 30L (7.93 Gallon)	0.040 (1.40)	32.4
104020-03	Barrels 200L (52.84 Gallon)	0.318 (11.23)	213.2
104020-04	IBC Tote 1000L (264.2 Gallon)	1.386 (49.09)	1077

Container capacity and seaworthy packing also complied with customers' requirements

***Contacts in Emergency :* +919903914042; +919903973902**

Integrated Fire Protection Pvt. Ltd.
60A,Pandit Madan Mohan Malabya Sarani, Kolkata - 700 020 INDIA
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E-mail : integratedfire@gmail.com
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SAFETY DATA SHEET (SDS)

IFP UNILIGHT AFFF TYPE 3^{C6} (SELF-HEALING)

Aqueous Film Forming Foam Concentrate (AFFF)

[Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200, the Canadian Hazardous Products Regulations (HPR) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)]

1. IDENTIFICATION

Product Name	IFP UNILIGHT AFFF TYPE 3^{C6} (SELF-HEALING) Aqueous Film Forming Foam Concentrate (AFFF)
Recommended use of the chemical and restrictions on use	
Identified use	Fire Extinguishing Foam Concentrate
Restrictions on use	See Scetion 15
Company Identification	Integrated Fire Protection Pvt. Ltd. 60A, Pandit Madan Mohan Malabya Sarani, Kolkata-700 020, India. Phone: (91)(33)2475 5634, 2454 1061 Fax: (91)(33) 2476 1107 **E-mail:** info@integratedfire.net **Website :** www.integratedfire.net
Customer Information Number	+91 33 2454 1061
Emergency Phone Number	+919903914042

2. HAZARD IDENTIFICATION

Hazard Classification	Eye Damage/Irritation – Category 2A
Label Elements	Hazard Symbols



Signal Word: Warning

Hazard Statements	Causes eye irritation.
Precautionary Statements	Wash hands thoroughly after handling.
Prevention	Wear eye protection and face protection.
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage	None
Disposal	None
Other Hazards	This product contains fluoroalkyl surfactants and should be disposed of by high temperature incineration.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

MAJOR INGREDIENTS	CAS.No.	CONC. (% wt)	HEALTH CLASS
1. Fluorinated Surfactant (C_6)	Proprietary	1-5	Xi R 36, 37, 38
2. Dipropylene Glycol Monomethyl Ether	34590-94-8	5-15	Xi R 36
3. Proprietary mixture Hydrocarbon Surfactant	Proprietary	10-16	Xi R 36, 37, 38
4. Stabiliser	11138-66-2	0.5-1	

4. FIRST AID MEASURES

Description of necessary first-aid measures

Skin	Remove contaminated clothing. Wash skin with ample water several times.
Eye	Flush eyes with flowing water for at least for 15 minutes, holding the eye open. Contact doctor if irritation/redness persists.
Ingestion	If ingested, have victim drink water and obtain medical attention immediately.
Inhalation	If patient is conscious, it is anticipated to be a minor problem. If there is breathing difficulty or cough, keep patient at rest, seated in maximum comfortable position. Call for medical attention if symptoms do not go away quickly or patient is unconscious.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed

Notes to Physicians

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Fire fighting measures are not applicable as the material itself is a fire extinguishing agent

Specific hazards arising from the chemical

None known

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use appropriate protective clothing. Prevent skin and eye contact.
Environmental Precautions	Prevent foam concentrate or foam solution from entering ground water, surface water, or storm water. Discharge and disposal of concentrate or foam solution should be made in accordance with federal, state, and local regulations.
Methods and materials for containment and cleaning up	Contain and absorb using appropriate inert material and transfer into suitable containers for recovery or disposal. Care should be taken to avoid slip hazard.

7. HANDLING & STORAGE:

Precautions for safe handling: Avoid getting chemicals on you or in you. Wash hands after handling chemicals. Don't eat or drink while handling chemicals.

Conditions for safe storage: Maximum storage temperature should be 120°F (49°C). Store the product in original container. Storage area should be cool, dry, well-ventilated, under shade and out of direct sunlight. As much as possible, keep material from being washed into surface water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters
Exposure limits are listed below, if they exist.

Dipropylene Glycol Monomethyl Ether
ACGIH TLV: 100 ppm (606 mg/m3) 8hr TWA; 15 min STEL 150 ppm (909 mg/m3); Danger of cutaneous absorption.
OSHA PEL: 100 ppm (600 mg/m3) Danger of cutaneous absorption.

Appropriate engineering controls
Use with adequate ventilation. If this product is used in a pressurized system, there should be local procedures for the selection, training, inspection and maintenance of this equipment. When used in large volumes, use local exhaust ventilation.

Individual protection measures

Respiratory Protection	Wear respiratory protection if there is a risk of exposure to high vapor concentrations, aerosols or if applied to hot surfaces. A NIOSH approved full face respirator may be worn. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.
Skin Protection	Gloves
Eye/Face Protection	Chemical goggles or safety glasses with side shields.
Body Protection	Normal work wear.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	
Physical State	Liquid
Color	Light Amber
Odor	Characteristic
Odor Threshold	No data available
pH	7.0-8.0
Specific Gravity	1.01-1.04
Boiling Range/Point (°C/F)	No data available
Melting Point (°C/F)	No data available
Flash Point (°C/F)	>95°C
Vapor Pressure	No data available
Evaporation Rate (BuAc=1)	No data available
Solubility in Water	Soluble
Vapor Density (Air = 1)	Not applicable
VOC (%)	No data available
Partition coefficient (n-octanol/water)	No data available
Viscosity	< 10 mm^2/sec
Auto-ignition Temperature	Not applicable
Decomposition Temperature	No data available
Upper explosive limit	Not applicable
Lower explosive limit	Not applicable
Flammability (solid, gas)	Not applicable

10. STABILITY & REACTIVITY

Reactivity	None
Chemical Stability	Stable
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Incompatibility with other material	Avoid use of product on burning metals, electrically energized equipment and contact with water reactive material
Hazardous decomposition product	Oxides of carbon, hydrogen fluoride, organic acids.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Dipropylene Glycol Monomethyl Ether Oral LD50 (rat) >5000 mg/kg Dermal LD5 (rabbit) >9510 mg/kg Inhalation LC50 (rat) > 3.35 mg/l,7h, vapour, no deaths occurred at this concentration
Permissible Exposure Limit, LD50	> 4000 mg/kg body wt. of rat (oral)
Specific Target Organ Toxicity (STOT) – single exposure	Available data indicates this product is not expected to cause target organ effects after a single exposure.
Specific Target Organ Toxicity (STOT) – repeat exposure	Available data indicates this component not expected to cause target organ effects after repeated exposure.
Serious Eye damage/Irritation	Causes mild eye irritation
Skin Corrosion/Irritation	Available data indicates this product is not expected cause skin irritation.
Respiratory or Skin Sensitization	Available data indicates this product is not expected to cause skin sensitization.
Carcinogenicity	Not considered carcinogenic by NTP, IARC, and OSHA.
Germ Cell Mutagenicity	Available data indicates this product is is not expected to be mutagenic.
Reproductive Toxicity	Available data indicates this product is not expected to cause reproductive toxicity or birth defects.
Aspiration Hazard	Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No relevant studies identified.
Mobility in soil	No relevant studies identified.
Persistence/Degradability	No relevant studies identified.
Bioaccumulative Potential	No relevant studies identified.
Other adverse effects	No relevant studies identified.

13. DISPOSAL CONSIDERATION

Disposal Methods

This product is not a RCRA-listed waste or hazardous waste as characterized by 40 CFR 261. However, state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Therefore, applicable local and state regulatory agencies should be contacted regarding disposal of waste foam concentrate or foam/foam solution.

Prevent discharge foam/foam solution to waterways without treatment. Waste disposal should be made in accordance with central, state and local regulations. Waste may be incinerated or disposed of by

treatment at a permitted facility only with permission or as advised by competitive authority. High temperature incineration is required at a minimum of 1000°C with a minimum residence time of 2 seconds.

14. TRANSPORT INFORMATION

Not classified as Dangerous or Hazardous for transport under UN,IMO,ADR/RID and IATA/ICAO

15. REGULATORY INFORMATION

Label for supply	None required
UK regulatory references	Health and Safety at work Act 1974 Chemical (Hazard Information & Packaging for Supply) Regulation 1994/Amendment Regulations 1996
EC Directives	Substances Directive 67/548/EEC as amended by 69/81/EEC, 70/189/EEC, 73/146/EEC, 75/409/EEC, 79/831/EEC General Preparations Directive 88379/EEC
Statutory Instruments	Chemical (Hazard Information & Packaging for Supply) Regulation 1994 /Amendment Regulations 1996.
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply
Guidance Notes	Occupational Exposure Limits EH40/96
Transportation of Dangerous Goods (TDG) information	Not required as per ADR/RID/IMGD,IATA & 49 CFR

16. OTHER INFORMATION

NFPA Ratings
NFPA Code for Health - 0
NFPA Code for Flammability - 0
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards – None

Legend

ACGIH	:	American Conference of Governmental Industrial Hygienists
CAS	:	Chemical Abstracts Service
IARC	:	International Agency for Research on Cancer
LC50	:	Lethal Concentration 50%
LD50	:	Lethal Dose 50%
DOT	:	Department of Transportation
NFPA	:	National Fire Protection Association
TDG	:	Transportation of dangerous goods.
OSHA	:	Occupational Safety and Health Administration
PEL	:	Permissible Exposure Limit
UEL	:	Upper exposure limit
LEL	:	Lower exposure limit.
STEL	:	Short Term Exposure Limit
TLV	:	Threshold Limit Value
IATA	:	International Air Transport Association

Low-expansion Foam Liquid Concentrate IFP UNILIGHT AFFF TYPE 3C6 (SELF-HEALING

File Number: EX5308

COMPANY

INTEGRATED FIRE PROTECTION PVT LTD
60A
PANDIT MADAN MOHAN MALABYA SARANI
CHAKRABERIA ROAD NORTH
KOLKATA, West Bengal 700020 India

LOW-EXPANSION FOAM LIQUID CONCENTRATE INFO

IFP UNILIGHT AFFF TYPE 3C6 (SELF-HEALING
Aqueous Film Forming Foam (AFFF)

FOAM CONCENTRATES FOR USE WITH THE FOLLOWING EQUIPMENT

Minimum Storage and Use Temperature

+35 F (1.7 C)

GENERAL

Hydrocarbon Fuels, percent

3

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Manufacturer and Model	Use Concentration, percent	Size, in.	Orifice Diameter/Setting	Inlet Pressure, psig	Length and Diameter of hose	Discharge Device Manufacturer and Model
Integrated Fire Protection Pvt Ltd, Model IFP-II-400(V)	3	2-1/2	set at 3	192-221	30 m of 70 mm	Integrated Fire Protection Pvt Ltd, Model IFP-LX-400
National Foam Inc, Model HLP-9M	3	1-1/2	set at 3	192-199	98 ft (30 m) of 1-1/2 in. (38 mm)	National Foam Inc, Model JS-10

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Manufacturer and Model	Use Concentration, percent	Size, in.	Orifice Diameter, in.	Inlet Pressure, psig	Back Presssure, psig
ANGUS FIRE LTD, Model IND-65	3	2-1/2	0.36	142	85

PROPORTIONERS-BLADDER TANKS WITH CONTROLLERS

Manufacturer and Model	Use Concentration, percent	Controller Size, in.	Orifice Diameter, in.	Flow Rate, gpm
Arrow Tank and Engineering Company LLC	3	3	0.354	85 - 486
DE'S TECHNICO LTD, Model DTL-FRC-B, -SS	3	2-1/2	0.255	208-396
DE'S TECHNICO LTD, Model DTL-FRC-B, -SS	3	3	0.366	425-808
DE'S TECHNICO LTD, Model DTL-FRC-B, -SS	3	4	0.453	532-1278
DE'S TECHNICO LTD, Model DTL-FRC-B, -SS	3	6	0.685	1607-2978
DE'S TECHNICO LTD, Model DTL-FRC-B, -SS	3	8	0.964	2496-3754

NOZZLES

Manufacturer and Model	Size, in.	Inlet Pressure, psig	Fuel
National Foam Inc, Model JS-10	1-1/2	71-81	--
Integrated Fire Protection Pvt Ltd, Model IFP-LX-400	2-1/2	57-71	--

FOAM MONITORS

Manufacturer and Model	Nozzle Model	Nozzle Type	Nozzle Inlet Pressure, psig	Solution Flow, gpm	Fuel
HD Fire Protect Limited, Model Varun 443	Varsha H4-V 750-1000 GPM	Self-Inducting	100	750	--
HD Fire Protect Limited, Model Varun 443	Varsha H4-V 750-1000 GPM	Self-Inducting	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6 1500 GPM	Self-Inducting	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6 2000 GPM	Self-Inducting	100	2000	--

FOAM MONITORS

Manufacturer and Model	Nozzle Model	Nozzle Type	Nozzle Inlet Pressure, psig	Solution Flow, gpm	Fuel
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1000-1500 GPM	Self-Inducting	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1000-1500 GPM	Self-Inducting	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1000-2000 GPM	Self-Inducting	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1000-2000 GPM	Self-Inducting	100	2000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1500-2000 GPM	Self-Inducting	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1500-2000 GPM	Self-Inducting	100	2000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1000-1500-2000 GPM	Self-Inducting	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1000-1500-2000 GPM	Self-Inducting	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-V 1000-1500-2000 GPM	Self-Inducting	100	2000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1500 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	2000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000-1500 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000-1500 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000-2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000-2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	2000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1500-2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1500-2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	2000	--

FOAM MONITORS

Manufacturer and Model	Nozzle Model	Nozzle Type	Nozzle Inlet Pressure, psig	Solution Flow, gpm	Fuel
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000-1500-2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1000	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000-1500-2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	1500	--
HD Fire Protect Limited, Model Varun 443	Varsha H6-VJ 1000-1500-2000 GPM	JRCP 1000-1500-2000 GPM (JP6)	100	2000	--
SHAH BHOGILAL JETHALAL & BROS, Model AAAG FM 2000	2000 GPM	Self-Inducting	100	2000	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 500F	IFP FOAMSTORM 500F	Self-Inducting	100	500	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 750F	IFP FOAMSTORM 750F	Self-Inducting	100	750	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 1000F	IFP FOAMSTORM 1000F	Self-Inducting	100	1000	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 500-750V	IFP FOAMSTORM 500-750V	Self-Inducting	100	500	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 500-750V	IFP FOAMSTORM 500-750V	Self-Inducting	100	750	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 500-750-1000V	IFP FOAMSTORM 500-750-1000V	Self-Inducting	100	500	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 500-750-1000V	IFP FOAMSTORM 500-750-1000V	Self-Inducting	100	750	--
INTEGRATED FIRE PROTECTION PVT LTD, Model IFP FIRESTORM HVLR 500-750-1000V	IFP FOAMSTORM 500-750-1000V	Self-Inducting	100	1000	--

FIXED FOAM DISCHARGE OUTLETS

Manufacturer and Model	Fuel	Inlet Pressure, psig	Flow Range, gpm	Orifice Diameter, in.	Min Design Application Density, gpm/sq ft
Angus, Model TPS-80	--	64		0.86	

FOAM WATER SPRINKLERS

Manufacturer and Model	Fuel	Style	Minimum Pressure, psig
TYCO FIRE & BUILDING PRODUCTS, Model B-1	Hydrocarbons	Pendant	30

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