



## Hoses and Accessories



CERTIFICATE NO.463  
(Ref. redbooklive.com)



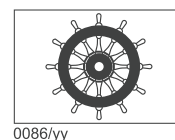
## AN INTRODUCTION TO NAFFCO

NAFFCO was founded in Dubai, UAE to become the world's the importance and convenience of having easy access to multiple safety services, we became specialized by offering complete solutions under one roof for all types of high quality firefighting equipment, fire protection systems, fire alarms, addressable emergency systems, security systems, custom-made vehicles such as fire trucks, ambulances, mobile hospitals and airport rescue firefighting vehicles (ARFF).

With the most talented and dedicated employees from around the world, NAFFCO has over 500 passionate engineers and over 5 million square feet of manufacturing facilities. We are currently exporting to over 100 countries worldwide.

NAFFCO manufactures UL, FM, BSI & Global Mark approved products in our facility in consistent with International Standards" UL-DQS, BSI certifies for the Quality Management System against ISO 9001. Our Environmental (ISO 14001) & Occupational Health & Safety (OHSAS 18001) Management Systems have been certified by UL-DQS. Our Trucks & Vehicles division has been assessed & certified for Quality Management System requirement for Aviation, Space & Defense organization (AS 9100) by UL-DQS.

Our success is driven by our passion to protect; our vision is to become the world's number one provider of innovative solutions in protecting life, environment and property.



# SINGLE JACKET HOSE

## A) UL LISTED HOSE

This single jacket fire hose consists of 100% polyester plain-woven synthetic and natural rubber linings. This fire hose has very good resistance to aging and abrasion. The light fire hose is suitable for normal situations. This single jacket hose made of high tenacity

polyester staple and polyester filaments. Lining is natural rubber. Jacket is plain. There is a special adhesion between the jacket and the rubber.



### SPECIFICATION

Model No.	Diameter (Inch)	Service Test pressure (Bar/Psi)	Burst Pressure (Bar/Psi)	Standard Compliance/Approvals
NF-FH38	1.5	14/200	50/725	UL19,NFPA 1961 / UL listed
NF-FH65	2.5	14/200	50/725	

\*NH threaded. Storz & instantaneous coupling or other types are available upon request.

## B) KITEMARK AND LPCB APPROVED HOSE, TYPE 2

This single jacket fire hose consists of an impermeable elastomeric lining, a synthetic fibre reinforcement and externally applied elastomeric coating to the reinforcement. Delivery hoses are non-percolating lay flat type used for the purpose of fighting fire. Hoses are suitable for use with couplings with the requirements of BS 336:2010 standards. Hose is intended for use at working pressure not exceeding 15 bar. Delivery hose are manufactured to comply with BS 6391: 2009 Standards.



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### FEATURES

- BSI KITEMARK & LPCB Certified.
- Light weight and flexible.
- Hose belongs to Type 2 with Elastomeric lining, Synthetic fibre reinforcement and elastomeric coating on the reinforcement.
- Hose give good protection against the absorption of liquids and resistance of the reinforcement.
- Anti rot and anti twist.
- Hose with couplings are wound by Galvanized mild steel/SS wire.

### SPECIFICATIONS

Hose : Type 2  
Available Color : Red, White  
Standard Length : 25/30 Meters

### APPLICATIONS

- Industrial and rural fire brigades as well as building protection.
- For general industrial, commercial and civil engineering applications.

### SPECIFICATION

Model No.	Diameter (Inch)	Service Test pressure (Bar/Psi)	Burst Pressure (Bar/Psi)	Standard Compliance/Approvals
NF-DH2-65R	2.5	15/217	50/725	BS 6391: 2009/ Kitemark&LPCB
NF-DH2-65W				

\*NH threaded. Storz & instantaneous coupling or other types are available upon request.

## C) FIRE HOSE, TYPE 1

### FEATURES

- Manufactured according to BS 6391.
- Outside - synthetic woven textile reinforcement.
- Inside - High tensile synthetic rubber (Optional Material: P. U.)
- Maintenance Free: Does not need drying.
- Unaffected by Mildew & Rot proof.
- Abrasion resistance due to synthetic coating.
- Excellent resistance to Ozone.

### SPECIFICATIONS

- Available colors: White, Red
- Standard lengths: 75ft, 100ft, 200ft, Other lengths available upon request.

### APPLICATIONS

- Industrial and rural fire brigades as well as building protection.
- For general industrial, commercial and civil engineering applications

### SPECIFICATION

Model No.	Diameter (Inch)	Service Test pressure (Bar/Psi)	Burst Pressure (Bar/Psi)	Standard Compliance/Approvals
Syntex Series	1.5/2/2.5	16	50	BS 6391: 2009/ DIN 14811

*\*NH threaded. Storz & instantaneous coupling or other types are available upon request.*

## D) DURALEX FIRE HOSE, UL LISTED

### DESCRIPTION

#### Outer and Inner Layers

Specially formulated rubber, extruded through the tubular fabric. Minimum load loss thanks to its smooth liner surface. High temperature resistance.

#### Intermediate Textile Fabric Reinforcement

Jacket manufactured with tubular weave with high-tenacity polyester thread. Free of defects such as broken threads, knots, etc.

### CHARACTERISTICS

- Excellent resistance to abrasion and to intensive professional use.
- High resistance to oil, gasoline and wide range of chemicals.
- Highly resistant to both contact and radiant heat.
- Lightweight hose, remaining flexible even at low temperatures (-30°C)
- Easy to handle and wind up thanks to its great flexibility.
- High breaking resistance thanks to its special textile construction.
- No maintenance or drying required.

### APPLICATIONS

#### Fields of Application

- Ideal for Fire Departments and Professional Industry services.
- Refineries.
- Armed Forces.
- Airports.
- Ships and Oil Rigs.
- Heavy Industry.

### SPECIFICATIONS

- Hose: Type 3.
- Color: Red.
- Coupling: Instantaneous hose quick coupling (Aluminum/Brass).
- Standard Length: 30 Meters, other lengths available upon request.



### SPECIFICATION

Model Number	Diameter in.	Diameter mm	Weight gr/m	Thickness mm	Working Pressure bar	Test Pressure bar	Burst Pressure min	Standard Compliance/Approvals
Duralex 38	1 1/2"	38	360	2.30	20	40	60	UL19, NFPA 1961/ UL LISTED
Duralex 65	2 1/2"	64	575	3.60	17	34	51	
Duralex 100	4	102	1050	3.00	15	30	45	

*NH threaded. Storz & instantaneous coupling or other types are available upon request.*

# DOUBLE JACKET FIRE HOSE

## A) UL LISTED HOSE

### FEATURES

- This durable, double jacket hose is constructed of 100% high tensile strength polyester yarns, both wrap and filler, and lined with a high-tech EPDM tube. Its engineered design guarantees minimum weight with maximum durability and flexibility. The UL Listed Double Jacket Fire Hose and its assemblies under these specifications shall be constructed with superior quality materials, manufactured in accordance with National Fire Protection Association (NFPA) 1961 standard.
- Outstanding abrasion resistance.
- Tough, dependable and lightweight attack hose.
- A stripe of a contrasting color runs the full length of the hose and can meet NFPA recommendations.

### SPECIFICATIONS

- Available colors: White & Red

### STANDARD LENGTH

- 50', 75', 100' (Other length available upon request.)



### SPECIFICATION

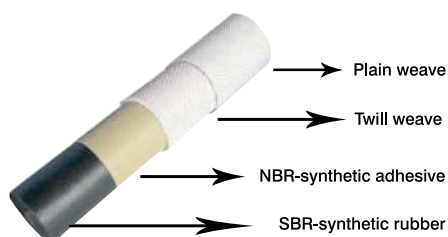
Model No.	Diameter (Inch)	Service Test pressure (Bar/Psi)	Burst Pressure (Bar/Psi)	Standard Compliance/Approvals
NF-FH38DJ	1.5	21/300	63/900	UL19, NFPA 1961/UL Listed
NF-FH65DJ	2.5	21/300	63/900	

\*NH threaded. Storz & instantaneous coupling or other type available upon request.

## B) FIRE HOSE WITH ADDITIONAL WARP OR JACKET

### CONSTRUCTION

Double jacket, the warp yarn consist of polyester staple, the filler is constructed of high strength, low elongation, filament polyester. The liner is a single ply extruded of EPDM rubber and adhere to prevent delamination. Hoses are available with polymer impregnation that provides additional abrasion resistance.



### APPLICATION

Municipal fire brigades, industrial fire brigades. The hose has better abrasion resistance than double jacket hoses and higher service test pressure than single jacket hose.

### SPECIFICATION

Model No.	Diameter (in.)	Minimum Working Pressure (bar)	Minimum Burst Pressure (bar)	Manufacturing Standard
D Syntex W	1.5/2/2.5	21	60	DIN/BS Standards
D Syntex P	1.5/2/2.5	21	60	

\*NH threaded. Storz & instantaneous coupling or other type available upon request.

# RACK & REEL HOSE

## SYNTHETIC, SINGLE JACKET FIRE HOSE

(250 PSIG / 1725 kPa Service Pressure)

Hose interior is all synthetic, lightweight and is UL approved.

### SPECIFICATIONS

- Red Color is also available.
- Standard lengths: 75ft, 100ft, 200ft, Other lengths available upon request.
- Applicable standards: UL219.

### CONSTRUCTION AND FEATURES

- The hose is of single jacket construction.
- The jacket is made with high tenacity filament polyester yarn in both the warp and weft directions, to provide maximum strength to weight ratio.
- The hose is resistant to chemicals and petrol products, rot & mildew, hydrolysis, and resist deterioration due to exposure UV-rays and ozone.

### APPLICATIONS

- Cabinet / Fire Hose Reel / Fire Hose Rack.

### PERFORMANCE

- The hose, in all sizes, has minimum service, test, and burst pressures as specified in the technical chart.
- The hose has a maximum flow with minimum friction loss.
- The hose is free of defects, dirt, knots, lumps or other irregularities affecting the performance of the hose.
- The hose remains flexible in temperatures of up to -65°F(-53°C).
- Twisting and warping prevention exceed applicable NFPA standards.



### SPECIFICATION

Hose Model	Size (Inside)		Size (Outside)		Wt. 100 (30.5M) Un-Coupled		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure		Standard Compliance/ Approvals
	in.	mm	in.	mm	lbs	kg	in.	cm	psi	Kpa	psi	Kpa	psi	Kpa	
NF-FH38PU	1.5**	38**	1 11/16	43	10.4	4.7	11.5	29.2	250	1725	500	3450	750	5175	UL219, NFPA 1961/UL Listed
NF-FH65PU	2.5**	64**	2 3/4	70	24.0	10.9	14.5	36.8	250	1725	500	3450	750	5175	

# FIRE HOSE RACK ASSEMBLY

NAFFCO Fire hose racks are designed for use in controlling incipient fire by building occupant use and conform to NFPA 14 standards

for CLASS II service. The Fire Hose Racks are manufactured to comply UL & FM standard.

## FEATURES

- Hose rack frame material made of Stainless Steel Gr.304.
- Provides an immediate water source for fire suppression.
- Easy individual operation.
- Max. Service pressure of the Fire Hose Rack Assembly up to 150psi.
- Hose rack is designed to hold the hose with movable pins for easy & quick operation at the time of Emergency.
- An automatic release mechanism allows water to flow through the hose after removal of the hose and nozzle.
- Standard assemblies include:
- Angle Valve or pressure reducing type valve (UL/FM approved).
- Hose Rack frame material made of stainless steel.
  - Brush Finish
  - Mirror Finish
  - RED (RAL 3000) Powder Coated Oven Baked
- Hose rack frame.
- Hose rack nipple.
- Hose coupling.
- Fire Hose - 30 Mtr. (UL Listed).
- Fog nozzle. (UL approved).



## SPECIFICATION

Model Number	NHR 38V	NHR 64V
<b>FIRE HOSE</b>		
Fire Hose Type	Single jacket, Light weight Thermoplastic lining with high tenacity filament polyester yarn, UL listed	Single jacket, Light weight Thermoplastic lining with high tenacity filament polyester yarn, UL listed
Size & Color	1½" x 30 m., White	2½" x 30 m., White
Service Pressure	250 psi	250 psi
Proof Pressure	500 psi	500 psi
Burst Pressure	750 psi	750 psi
<b>COUPLINGS</b>		
Type	1½" NH Female Threaded Coupling, Brass	2-½" NH Female Threaded Coupling, Brass
<b>ANGLE VALVE</b>		
Working Pressure	300 psi	300 psi
Test Pressure	600 psi	600 psi
<b>NOZZLE</b>		
Inlet Size	1.5" Female NST Threaded	2.5" Female NST Threaded
Discharge rate (in full spray pattern)	130±5GPM@100 psi	280GPM@100 psi

- Pressure reducing valve available upon request.  
 - 1½ Fire Hose Rack, UL/FM Approved.  
 - 2½ Fire Hose Rack, FM Approved only.

# SUCTION HOSE & ADAPTORS



## SUCTION HOSE & COUPLINGS

Suction Hose		Coupling	
Model No.	Diameter (Inch)	Model No.	Diameter (Inch)
NSH250	2.5	NSC250	2.5
NSH300	3	NSC30t0	3
NSH400	4	NSC400	4
NSH600	6	NSC600	6

### FEATURES

- Made from Rubber or PVC
- Optional - special length and hose diameter available upon request.

### SPECIFICATION

- Available colors: Black
- Standard lengths: 10ft, Other length available upon request.



### FEATURES

- An instantaneous quick coupling designed to BS336.
- A variety of materials available including Aluminum Alloy, Bronze, Gun Metal Chrome plated.

### OPTIONAL

- Kite mark and LPCB approved instantaneous with ribbed tail coupling available on request.

Please specify required material when ordering - AL for Aluminum Alloy, B for Bronze and GM for Gun metal.

## DELIVERY HOSE & COUPLINGS

Ref.	Description	Model No.	Nominal Size	Material
1	Instantaneous with Serrated Tails	NHC-QCS	1.5/2.5	Aluminum Alloy Bronze Gun Metal
2	Storz - Serrated Tail	NHC-SZS	1.5/2.5	
3	Instantaneous with Ribbed Tails	NHC-QCR	1.5/2.5	
4	Storz-Female Thread Coupling	NHC-SZT	1.5/2.5	
5	Male/Female NH Thread Coupling	NHC-NH	1.5/2.5	





1



2



3



4



5



6



7



8



9

**FEATURES**

- Alternate sizes of the above items are also available upon request.

*Please specify required material when ordering - A/AL for Aluminum Alloy, B for Bronze and GM for Gun metal*

**ADAPTORS & BLANK CAPS**

Ref.	Description	Model No.	Size (Inch)
1	Instantaneous Adaptor -Double Female	NAQC-DF	2.5
2	Instantaneous Adaptor -Double Male	NAQC-DM	2.5
3	Female instantaneous-Female Screw Thread Adaptor(NST or BSPT)	NA-FQCFT	2.5
4	Male instantaneous-Male Screw Thread Adaptor	NA-MQCMT	2.5
5	Female instantaneous-Male Screw Thread Adaptor	NA-FQCMT	2.5
6	Male instantaneous-Female Screw Thread Adaptor	NA-MQCFT	2.5
7	Male instantaneous-Female Screw Thread Adaptor	NA-FTMQC	4 Female/2.5 Male
8	Female instantaneous-Male Screw Thread Adaptor	NA-MTFQC	4 Male/2.5 Female
9	Male instantaneous Adaptor-Blank Cap	NA-MQC	2.5



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In line with NAFFCO policy for continuous product development,  
NAFFCO has the right to change specifications without prior notice.

**NF-CA-HAA-U0418C-P1218B-DXB**

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