



Hoses and Accessories



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.



CERTIFICATE NO:463
(Ref redbooklive.com)

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

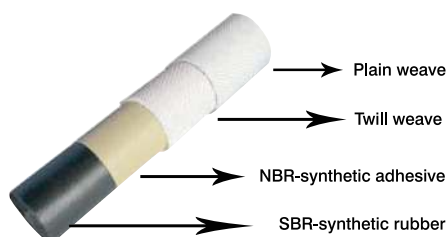
| Model No. | Diameter (Inch) | Service Test pressure (Bar/Psi) | Burst Pressure (Bar/Psi) | Standard Compliance/Approvals |
|-----------|-----------------|---------------------------------|--------------------------|-------------------------------|
| NF-FH38DJ | 1.5 | 21/300 | 63/900 | UL19, NFPA 1961/UL 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 |
|---|--|--|
| FIRE HOSE | | |
| 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 |
| COUPLINGS | | |
| Type | 1½" NH Female Threaded Coupling, Brass | 2-½" NH Female Threaded Coupling, Brass |
| ANGLE VALVE | | |
| Working Pressure | 300 psi | 300 psi |
| Test Pressure | 600 psi | 600 psi |
| NOZZLE | | |
| 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

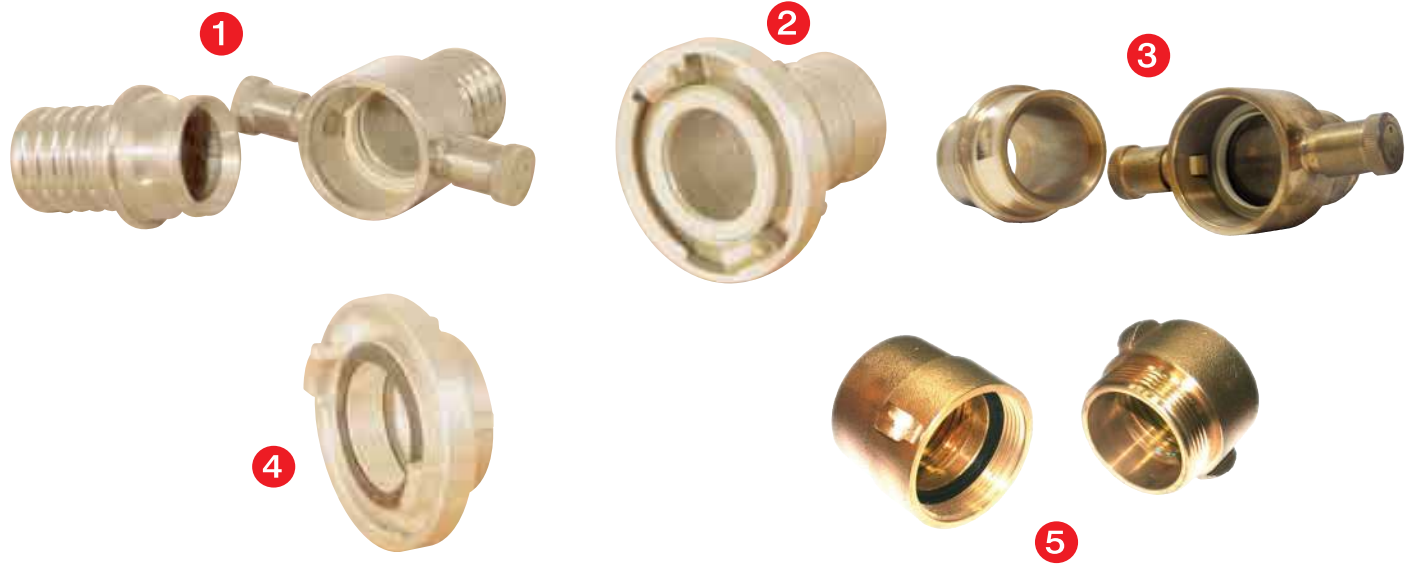
| Suction Hose | | Coupling | |
|--------------|-----------------|-----------|-----------------|
| Model No. | Diameter (Inch) | Model No. | Diameter (Inch) |
| NSH250 | 2.5 | NSC250 | 2.5 |
| NSH300 | 3 | NSC30t0 | 3 |
| NSH400 | 4 | NSC400 | 4 |
| NSH600 | 6 | NSC600 | 6 |

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 |

JET & SPRAY NOZZLE

This durable, plastic nozzle produces a strong, concentrated jet of water that can fight fires in a most efficient way. Yet it is quickly and easily adjustable from a jet to a diffused spray, or a complete shut off.

SPECIFICATION

| | |
|------------------|---|
| Model No | NF FB320/WKM |
| Body | Polyamide tip with Aluminum Alloy inlet |
| Inlet Size | Male Instantaneous coupling to BS 336 |
| Working Pressure | 16 Bar |
| Flow Control | Shut - Jet & Spray |

*Kitemark approved Branchpipe available upon request.



NF FB320/WKM



WATER COMBINATION NOZZLES

These kinds of nozzles have been the trend in the Fire Service for several years to utilize greater water flow for initial attack. The most popular water delivery fire hoses are 1½" or 2½" with nozzle which flows from 490 to 1,020 LPM. It is also very convenient to use completed shut - off ball valve.

SPECIFICATION

| | |
|------------------|---|
| Model No. & Size | NFL - 13SPQ, 1½" Ø |
| Flow Rate | 490LPM @ 7 Bar |
| Model No. & Size | NFL - 13BPQ, 2½" Ø |
| Flow Rate | 660 - 1020LPM @ 7 Bar |
| Body | Aluminum Alloy, Anodised |
| Inlet | Male Instantaneous to BS 336 |
| Range | 40-45M |
| Optional | 1. NST threaded Inlet available upon request 2. Bronze construction Nozzles available upon request |



NF 13SPQ

DIFFUSER NOZZLE

Diffuser nozzle has an adjustable annular orifice which enables the jet of water to be controlled from shut - off to small jet through to large jet then to spray pattern by turning of the rubber sleeve.

SPECIFICATION

| | |
|------------|-----------------------|
| Model No | NWR100/NWR 100AL |
| Body | Copper Alloy/Aluminum |
| Inlet Size | 2½" BS 336 |
| Flow Rate | 120Gpm@7 Bar |
| Model No. | NWR100A |
| Body | Copper Alloy |
| Inlet Size | 2½" BS 336 |
| Flow Rate | 50 Gpm @ 7 Bar |
| Model No. | NWR101P |
| Body | Plastic |
| Inlet Size | 1½" Ø |
| Range | 15 M |



NWR 100



NWR 100A



NWR 101P



WATER CURTAIN NOZZLE

Water Curtain nozzle produces a strong, rain type pattern of water that can cool the surrounding areas and structures against flame spread.

SPECIFICATION

| | |
|-----------|--------------------------------|
| Model No | NF WC 380A |
| Flow Rate | 380 LPM@7 Bar |
| Body | Cast Bronze with Chrome Finish |
| Inlet | 1½" Ø, NH Female Swivel Inlet |



NF WC 380A



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

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