



# National Fire Equipment Ltd.

## *Hose & Accessories Catalogue*



*Providing Fire Protection Solutions for over Sixty Years!*



National Fire  
Equipment Ltd.

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# National Fire Equipment Ltd.

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# National Fire Equipment Ltd.

## INDUSTRIAL HOSE

### *Single Jacket Fabric Hose*



High quality lay flat hose for a wide range of industrial purposes. Circular woven jacket out of 100% high tenacity synthetic yarn with an inner liner made out of a vulcanized high quality EPDM-compound. Highly resistant to most chemicals, petrol products, ozone or U.V. exposure, hydrolysis, rot and mildew. The liner process produces an amazingly thin but smooth inner waterway, yielding an extremely low friction loss for maximum flow. Single jacket, 100% high tensile strength virgin polyester filament yarns, both warp and filler; High grade EPDM as inner lining, cold flexible, suitable also for hot water, excellent resistance to sea water, UV and ozone. Available in white colour only.

Temperature Range: -50°C (-58°F) to 70°C (158°F).

I.D.	Service Pressure	Test Pressure	Burst Pressure
Inch	Psi	Psi	Psi
1.5"	246	369	870
2"	246	369	870
2.5"	246	369	870



# National Fire Equipment Ltd.

## SATURN HOSE

### PREMIUM SINGLE JACKET FABRIC HOSE

*Our most rugged single jacket fabric hose  
Suitable for industrial/forestry/municipal/everyday use*



- » Strong, compact, light in weight, and will fit in most hose storage devices
- » Unique Mertex® lining yields an extremely low friction loss, for maximum flow and superior adhesion for long life
- » Premium all synthetic single jacket
- » Remains flexible to -65°F (-55°C)
- » Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- » Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

#### LINING

Made from polyurethane, using a fused process that welds the polyurethane directly to the textile while the hose is being woven, without the use of adhesives or hot melt. The fused lining process creates a virtually inseparable unit without the use of adhesives, yielding an extremely low friction (pressure) loss by filling in the corrugations of the weave, creating an ultra thin and smooth waterway. Fire hose made using adhesives of any type do not meet this specification.

#### JACKET

Made from high tenacity filament polyester yarn in both the warp and weft directions, to provide maximum strength to weight ratio (minimum filler/weft yarns of 11.5 per inch)

#### SPECIAL ORDER OPTIONS

- » Permatak HP treatment against abrasion, moisture pick up, mildew
- » Potable water approval

Nominal D		S. Test Pressure		Test Pressure		Burst Pressure		Weight (100')		COIL DIA (100')	
Inch	mm	psi	kPa	psi	kPa	psi	kPa	lb/ft	gr/m	Inch	mm
1"	25	250	1750	500	3500	750	5175	7.6	3.5	15	38.1
1.5" *	38	250	1750	500	3500	750	5175	12.9	5.9	15	38.1
2" *	52	250	1750	500	3500	750	5175	15.6	7.1	16	40.6
2.5" *	65	250	1750	500	3500	750	5175	22.8	10.4	16.5	16.5



Factory Mutual approved and can be FM labeled in the sizes specified\*  
Extra charges may apply. Check with customer service on POA.



# National Fire Equipment Ltd.

## BLACK & BLUE HOSE

*Rubber Covered Hose*



Durable Nitrile rubber covered hose, high tensile strength polyester reinforcement for maximum durability and flexibility. Ribbed Nitrile rubber cover greatly increases abrasion resistance and provides long service life. Smooth Nitrile rubber liner minimum pressure drop. Hose remains flexible to temperatures as low as -4°F (-20°C) and is resistant to ozone, oxidation, and most chemicals or petroleum products. Polyester and/or Nylon reinforcement, tightly woven, twill weave resists puncture.

Construction: Nitrile rubber cover and liner. Polyester and/or Nylon reinforcement.

Application: Industrial

Meets and exceeds UL 19 standard and BS6391 standard.

Color: Black or Blue (Blue only available in 1.5")

Temperature Range: -4°F to 175°F (-20°C to 80°C)

Diameter	Working Pressure	Test Pressure	Burst Pressure
1-1/2" (38mm)	250 PSI	500 PSI	750 PSI
2-1/2" (65mm)	250 PSI	500 PSI	750 PSI



# National Fire Equipment Ltd.

## EVERFORT® HOSE

### Rubber Covered Hose



**Application:** Designed for municipal firefighting, but widely used by petrochemical plants, navies, mines and other industrial organizations.

**Construction:** 100% high tenacity synthetic yarn, circular woven and completely protected by synthetic rubber, extruded through the weave to form a single homogenous construction, without the use of glue or adhesives of any type.

**Lining Properties:**

Ultimate Tensile Strength: 1750 PSI (12,000 kPa)  
Ultimate Elongation: 450%

**Physical Values**



Nominal D		S.Test Pressure		Test Pressure		Burst Pressure		Weight		Thickness	
Inch	mm	psi	kPa	psi	kPa	psi	kPa	lb/ft	gr/m	Inch	mm
1"	25	580	4000	1160	8000	1740	12000	.155	230	0.08	2.0
1.5"	38	300	2100	600	4200	900	6300	.239	355	0.08	2.0
2"	52	250	1750	500	3500	750	5250	.312	465	0.08	2.0
2.5"	65	255	1758	510	3516	765	5274	.380	565	0.09	2.4
4"	102	170	1172	340	2344	500	3447	.710	1056	0.10	2.6

\* 1.5" (38mm) and 2.5" (65mm) are UL19 & CAN/ULC S511-14 listed for 250 psi (1750 KPA).  
 However diameters have a higher STP as shows in our standard branding and specified in above chart.  
 \* UL/ULC labeled hose is available upon request. Extra charges may apply. Check with customer service on POA.  
 \* NFE reserves the right to modify any specification without prior notice to meet or exceed changing standards.

**Abrasion Resistance:** Suitable for extreme conditions where abrasion is the most serious concern. Everfort® has excellent abrasion resistance when tested according to FM2111 and UL19 abrasion tests.

**Cold Resistance:** Suitable for use in temperatures down to -22°F (-30°C). Can be stored in temperatures as low as -36°F (-38°C).

**Ozone Resistance:** Shows no visible signs of cracking of the lining or cover when tested in accordance with ASTM D0518 Procedure B, 100pphm/104°F (40°C)

**Chemical Resistance:** Can withstand exposure to seawater as well as exposure to most chemical substances, hydrocarbons, oils, alkalis, acids and greases.

**Heat Resistance:** Capable of withstanding a surface temperature of 1112°F (600°C) for a minimum of two minutes, when subjected to a static pressure of 100 psi (700kPa), without rupture or damage to the synthetic reinforcement.

**Lengths:** 25', 50', 75' and 100', as well as 150' lengths for selected diameters. Please inquire for availability



# National Fire Equipment Ltd.

## EVERFORT-S HOSE

*Rubber Covered Hose with Added Abrasion Resistance*



**Thicker Ridges than our standard Everfort hose**

**Application:** Designed for municipal firefighting, but widely used by petrochemical plants, navies, mines and other industrial organizations.

**Construction:** 100% high tenacity synthetic yarn, circular woven and completely protected by synthetic rubber, extruded through the weave to form a single homogenous construction, without the use of glue or adhesives of any type. Everfort S has all the versatility of our regular Everfort brand, but with even thicker ridges for added abrasion resistance.

**Lining Properties:**

Ultimate Tensile Strength: 1750 PSI (12,000 kPa)

Ultimate Elongation: 450%

### Physical Values



Nominal D		S.Test Pressure		Test Pressure		Burst Pressure		Weight		Thickness	
Inch	mm	psi	kPa	psi	kPa	psi	kPa	lb/ft	gr/m	Inch	mm
1.5"	38	300	2100	600	4200	900	6300	0.30	446	0.098	2.5
1.75"	45	300	2100	600	4200	900	6300	0.32	476	0.098	2.5
2.5"	65	300	2100	600	4200	900	6300	0.45	669	0.110	2.8

\*1.5" (38mm), 1.75" (45mm) and 2.5" (65mm) are UL19 & CAN/ULC 5511-14 listed for 250 psi (1750 KPA).

\*UL/ULC labeled hose is available upon request as well as other sizes. Extra charges may apply. Check with customer service on POA.

However diameters have a higher STP as shown in our standard branding and specified in above chart.

\*NFE reserves the right to modify any specifications without prior notice to meet or exceed changing standards.

**Abrasion Resistance:** Suitable for extreme conditions where abrasion is the most serious concern. Everfort-S has extra thick ridges compared to our regular Everfort, giving it added abrasion resistance and durability.

**Cold Resistance:** Suitable for use in temperatures down to -35° F (-37°C).

**Ozone Resistance:** Shows no visible signs of cracking of the lining or cover when tested in accordance with ASTM D518-88, Procedure B, 100pphm/104° (40°).

**Chemical Resistance:** Can withstand exposure to seawater as well as exposure to most chemical substances, hydrocarbons, oils, alkalis, acids and greases.

**Heat Resistance:** Capable of withstanding a surface temperature of 1112°F (600°C) for a minimum of two minutes, when subjected to a static pressure of 100 psi (700kPa), without rupture or damage to the synthetic reinforcement.

**Lengths:** 25', 50', 75' and 100', as well as 150' lengths for selected diameters. Please inquire for availability



# National Fire Equipment Ltd.

## BLINDEX HOSE

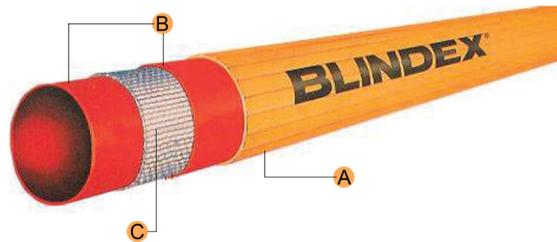
### Heavy Duty Rubber Hose



**BLINDEX IS A RUBBER COVERED HOSE WITH EXTRA SAFETY GIVEN BY THE FOURTH LAYER OF RLH.**

*"THE FOUR LAYER HOSE". A MAJOR ADVANCE IN FIRE HOSE TECHNOLOGY, COMBINED WITH THE USE OF AN OUTSTANDING ELASTOMER.*

THE FINEST FIRE FIGHTING HOSE. BLINDEX IS A TOUGH, DEPENDABLE FIRE HOSE WITH PERFORMANCE THAT FAR EXCEEDS EXISTING FIRE HOSES. HIGHLY APPROPRIATE FOR MUNICIPALITIES, FORESTRY, INDUSTRY, REFINERIES, SHIPS AND WHEREVER SAFETY AND EFFICIENCY ARE PRIORITIES.



**A**

**OUTER LAYER OF RLH**  
Yellow color for better visibility in service. Special profile to protect hose helps sliding and gives good hand grip.

**B**

**SPECIAL RUBBER COMPOUND**  
Very high flexibility and smooth inner finish for low pressure loss. This compound completely locks the fabric reinforcement forming a single body with it and the RLH outer layer. This very special rubber compound has been studied to minimize the risks of puncture or coupling damage

**C**

**SEAMLESS CIRCULAR FABRIC**  
Made with high tenacity synthetic fibers. Woven in stress-free circular looms which give a strong and lightweight reinforcement jacket.

Nominal D		Working Press		Weight		Thickness		Bend Radius at WP	
Inch	mm	psi	kPa	lb/ft	gr/m	Inch	mm	ft	mm
1"	25	450	3100	.147	220	.087	2.2	2.90	900
1.5"	38	300	2100	.240	360	.091	2.3	3.60	1100
2.5"	65	250	1750	.434	650	.098	2.5	4.50	1375



# National Fire Equipment Ltd.

## BLINDEX 600 HOSE

### Extra Heavy Duty Rubber Hose



"THE FOUR LAYER HOSE". A MAJOR ADVANCE IN FIRE HOSE TECHNOLOGY, COMBINED WITH THE USE OF AN OUTSTANDING ELASTOMER. BLINDEX 600 IS THE SAME AS OUR REGULAR BLINDEX, BUT WITH THICKER RIDGES FOR ADDED DURABILITY. THE FINEST FIRE FIGHTING HOSE. BLINDEX IS A TOUGH, DEPENDABLE FIRE HOSE WITH PERFORMANCE THAT FAR EXCEEDS COMMON FIRE HOSES. HIGHLY APPROPRIATE FOR MUNICIPALITIES, FORESTRY, INDUSTRY, REFINERIES, SHIPS AND WHEREVER SAFETY AND EFFICIENCY ARE PRIORITIES.

BLINDEX 600 IS A RUBBER COVERED HOSE WITH EXTRA SAFETY GIVEN BY THE FOURTH LAYER OF RLH\*



**A**

**OUTER LAYER OF RLH**  
Yellow color for better visibility in service. Special profile to protect hose helps sliding and gives good hand grip.

**B**

**SPECIAL RUBBER COMPOUND**  
Very high flexibility and smooth inner finish for low pressure loss. This compound completely locks the fabric reinforcement forming a single body with it and the RLH\* outer layer. This very special rubber compound has been studied to minimize the risks of puncture or coupling damage.

**C**

**SEAMLESS CIRCULAR FABRIC**  
Made with high tenacity synthetic fibers. Woven in stress-free circular looms which give a strong and lightweight reinforcement jacket.

Nominal D		Working Press		Weight		Thickness		Bend Radius at WP	
Inch	mm	psi	kPa	lb/ft	gr/m	Inch	mm	ft	mm
1.5"	38	300	2100	.295	440	.106	2.7	3.60	1100
1.75"	45	300	2100	.340	510	.106	2.7	4.20	1280



# National Fire Equipment Ltd.

## DUROWASH HOSE

*Rugged & Resilient Washdown Hose*

*Two hoses in one! For serious abrasion resistance!*



*Perfect for industrial protective applications in chemical and petroleum environments.*

- » Black polyurethane covered jacket
- » Tough, ready for action, yet lightweight
- » Unique Mertex® lining yields an extremely low friction loss, for maximum flow and superior adhesion for long life
- » Premium all synthetic double jacket
- » Remains flexible to -65° F (-55° C)
- » Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- » Combines the advantages of covered single jacket hose with the hydrostatic superiority of double jacket hose

### LINING

Made from polyurethane, using a fused process that welds the polyurethane directly to the textile while the hose is being woven, without the use of adhesives or hot melt. The fused lining process creates a virtually inseparable unit without the use of adhesives, yielding an extremely low friction (pressure) loss by filling in the corrugations of the weave, creating an ultra thin and smooth waterway. Fire hose made using adhesives of any type do not meet this specification.

### JACKETS

Both inner and outer jackets are made with high tenacity filament polyester yarn in both the warp and weft directions, to provide maximum strength and high snag resistance. The outer jacket has an extruded outer cover of abrasion resistant polyurethane material.

Nominal D		S. Test Pressure		Test Pressure		Burst Pressure		Weight (50')		Coil Dia (50')	
Inch	mm	psi	kPa	psi	kPa	psi	kPa	lbs	kg	Inch	cm
1.5"	38	200	1375	400	2755	1200	8275	9.5	4.3	14	35.6

Available in 50 and 100 foot lengths



# National Fire Equipment Ltd.

## BICO HOSE

### *Double Jacket Fabric Hose*



#### Features

This double jacket hose is constructed of high tensile strength polyester yarns, lined with a high-tech EPDM tube. Its engineered design guarantees minimum weight with maximum durability and flexibility. Manufactured in accordance with National Fire Protection Association (NFPA) 1961 standard, latest edition, within an ISO-9001:2008 certified quality assurance system. The polyester construction is mildew & rot-proof. Outstanding abrasion resistance with innovative wisentec coating.

#### Technical Data

I.D.	Service Pressure	Test Pressure	Burst Pressure	CERTIFICATIONS
Inch	Psi	Psi	Psi	
1.5"	400	800	1200	
2.5"	400	800	1200	

**Construction:** Double jacket, polyester spun as warp and filament polyester as weft/-filler, EPDM liner

**Application:** Municipal fire brigades or industrial use

**Color:** White

**Temperature Range:** -40°F to 158°F (-40°C to 70°C)



# National Fire Equipment Ltd.

## BICO-C HOSE

*Heavy Duty Double Jacket Fabric Hose  
With "Key-Lok" Polyurethane Cover*



The standard in double jacket construction, combining 100% premium ring spun and filament polyester fibers over a heavy wall, ozone resistant, EPDM rubber liner. The outer jacket is mildew resistant and available with our iconic "Key-Lok" polyurethane based polymer impregnation for maximum abrasion and moisture resistance. Rugged, easy to handle and preferred by metro cities across the US and Canada. This reliable, double jacket fire hose is UL Listed and meets MIL-H-24606 latest edition. Features a 10-year warranty and lifetime liner delamination guarantee.



**Colour**



Yellow



Diameter	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight Uncoupled
1 1/2"	DP15-800	400 psi	800 psi	1200 psi	1 15/16"	.34 lbs/ft
1 3/4"	DP17-800	400 psi	800 psi	1200 psi	2 1/8"	.38 lbs/ft
2 1/2"	DP25-800	400 psi	800 psi	1200 psi	3"	.54 lbs/ft
3"	DP30-800	400 psi	800 psi	1200 psi	3 1/2"	.74 lbs/ft



# National Fire Equipment Ltd.

## MULTIPURPOSE HOSE

*Rigid Rubber Hose - For Hose Reels*



Multipurpose is an EPDM hose designed for continuous flow hose reels. It's our toughest and most durable non-collapsible hose. The EPDM tube and cover, reinforced with polyester yarn allows Multipurpose to be used in a variety of environments as well as remain fully functional in cold temperatures. Suitable for fire protection or industrial applications. Available in a variety of lengths and sizes (see below).

### Application:

For air, water, agricultural spray solutions and other dilute chemicals. Good resistance to methyl ethyl ketone. Excellent resistance to heat, weathering and vegetable oils.

### Construction:

Tube - Black EPDM oil mist resistant  
Reinforcement - Layers of high tensile polyester yarn  
Cover - Smooth red abrasion resistant EPDM

### Temperature Range:

-40°C to +93°C (-40°F to +200°F)

### Standard Length:

1" 25ft multiples & 700ft reels  
1-1/4" 25ft multiples & 550ft reels  
1-1/2" 25ft multiples & 400ft reels  
2" 25ft multiples & 300ft reels

I.D. Inches	O.D. Inches	Max WP PSI	Lbs/ft
3/4	1.16	250	0.38
1	1.37	200	0.51
1-1/4	1.78	200	0.81
1-1/2	2.03	200	0.95
2	2.5	200	1.13



# National Fire Equipment Ltd.

## MULTIPURPOSE HOSE

*Rigid PVC Hose - For Hose Reels*



Multipurpose SR is a PVC coated reel hose. Our most economical non collapsible hose; standard on all our model HRS-038 continuous flow hose reels. The smooth PVC jacket allows for quick and easy clean up. Suitable for fire protection or industrial applications. Tested by European, Australian and Malaysian laboratories to European standard EN 694 and Australian Standard AS 1221. Not suited for freezing temperatures. For a multipurpose hose that remains functional in cold temperatures, try our regular Multipurpose with EPDM jacket. Available in 1" x 100' lengths.

**Working Pressure:** 220 Psi (1,517 kPa)

**Test Pressure:** 250 Psi (1,724 kPa)

**Burst Pressure:** 696 Psi (4,799 kPa)



*Multipurpose SR comes standard on our model HRS-038 continuous flow hose reel*



# National Fire Equipment Ltd.

## HRS HOSE REEL

### Flow Hose Reel



#### Specifications:

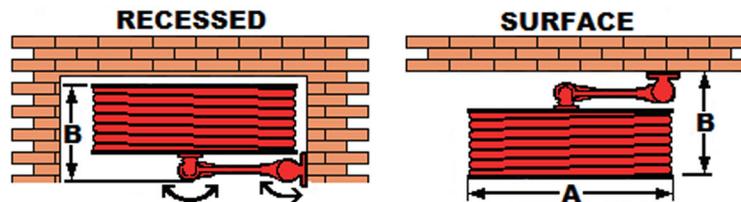
The ultimate reel/hose combination for industrial washdown! Operates in seconds, packs away in seconds. The 1" diameter PVC coated hose is both rugged and easy to clean. For hose that operates in near freezing temperatures; upgrade to our premium EPDM multipurpose hose. All models come complete with combination fog/straight stream nozzle. Also suitable for special application fire protection (dentention areas, etc). These swing type hose reels have a double 180° rotating hinge which allows hose reels to be mounted in a recessed wall.

Our HRS hose reels are tested and approved by European Standard EN671 (British Standards Institution) and Australian Standards AS1221 (QAS Australia). These approvals require the certification authority to carry out regular inspection of the hose reel manufacturing facility, testing of hose reels and auditing of quality systems.

#### Features:

- Side Plate powder painted finish red
- PVC coated, non collapsible hose
- Threaded Inlet connection
- Outlet connection for hose can be rotated for left and right direction
- Fog/straight stream nozzle
- Waterways made from non ferrous metals; for corrosion protection
- Maximum working pressure: 215 Psi, test pressure: 290 Psi

Important: Please read installation instructions before installing HRS reels



Model No.	Type	Mounting	A Dimension	B Dimension	Capacity
HRS-038-12	Swing Manual	Rec/Surf	22" (559mm)	11 3/4" (299mm)	1" x 98' (25mm x 30m)
HRS-038-12-75	Swing Manual	Rec/Surf	22" (559mm)	11 3/4" (299mm)	1" x 75' (25mm x 23m)



# National Fire Equipment Ltd.

## HRS HOSE REEL

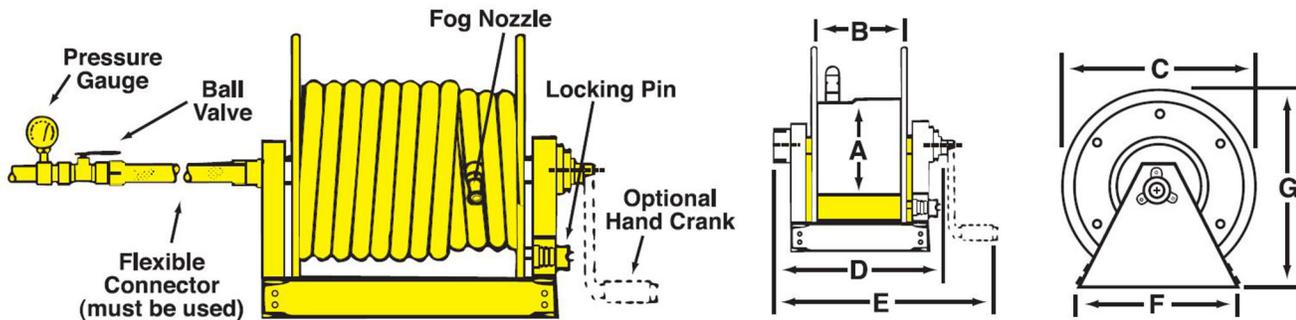
### Continuous Flow Hose Reel

#### Features:

- Allows immediate and continuous flow of water at all times during deployment of hose
- One-person operation
- Powder coated with an electrostatically-applied, thermally-fused, red polyester finish steel drum
- Rims and universal mounting stand



*A flexible connector assembly must be installed directly between the hose reel inlet hub and the water supply. Failure to use the flexible connector assembly shall void the warranty.*



Part #	Hose Size Capacity			A	B	C	D	E	F	G	Inlet Size (Inches)	Outlet Size (Inches)
	3/4"	1"	1 1/2"									
1 1/2"	150	125		10 1/2	11 1/2	24	19 1/4	24	21 3/4	26	1	1
1 3/4"	250	150	100	10 1/2	11 1/2	24	28 1/4	33	21 3/4	26	1 1/2	1 1/2
2 1/2"	400	300	150	10 1/2	11 1/2	24	35 3/4	40 1/2	21 3/4	26	1 1/2	1 1/2
3"			200	10 1/2	11 1/2	24	41 3/4	46 1/2	21 3/4	26	1 1/2	1 1/2

#### Optional Accessories

Part #	Description
DX2836	1" x 18" flexible connector (male NPT x male NPT)
DX2839	1 1/2" x 18" flexible connector (male NPT x male NPT)
CFR-HC	Hand crank
CFR-RK	Repair kit: contains O-ring, PTFE retaining ring for the inlet casting, spacer washer, and 2 steel retaining rings for the manifold



# National Fire Equipment Ltd.

## HOSE NOZZLES

*Various Sizes and Types*



#1030-100 & #1030-075

1" & 3/4" combination fog nozzle moulded from polycarbonate material. Designed for booster lines and small diameter hose.  
Standard threads: 1" NPSH and 3/4": GHT, NPSH.  
Height: 4 3/4".  
Gallorage - 1": 22 GPM; 3/4": 8 GPM



#1575

Model 1575 1.5" combination fog nozzle; constructed of polycarbonate. Precision moulded from the latest developments in the industry.  
Ideal for commercial and Industrial installations.  
1.5" NPSH thread, 4-5/8" height.  
Gallorage: 75 GPM. ULC approved.



#A7B

Model A7B fog nozzle is a firefighting and industrial hose spray nozzle that breaks its stream into small droplets.  
Rated pressure: 100 PSI. Available in 1.5" NPSH and NST threads only.  
Rubber bumper for impact resistance and added durability UL/ULC listed, FM Approved.



#2520-25

2-1/2" combination fog nozzle. Moulded from polycarbonate with 2-1/2" hose threads. Rubber grip handles allow for easy control/handling. Ideal for commercial and industrial hose installations. Available threads: NST, CSA, BCT/AMA, NSST.  
Height: 5-1/4" gallonage: 150 GPM (US).



#2520-200

2" Combination Fog nozzle. Moulded from polycarbonate with 2" NPSH hose threads. Ideal for commercial and industrial hose installations.  
Height: 5-3/8", Gallorage: 150 GPM (US).



#107-3

Plastic straight stream nozzle. Designed for testing hydrant pressure. 1.5" NPSH threaded connection, with 1/2" orifice tip.



#107-2

Brass straight stream nozzle. Designed for testing hydrant pressure. 1.5" NPSH threaded connection, with 3/8" orifice tip.



# National Fire Equipment Ltd.

## BRASS HOSE ADAPTERS

*High Quality Forged Brass*



A90  
2.5" FEMALE SWIVEL HOSE THREAD  
BY 2.5" FEMALE RIGID NPT



A75  
2.5" RIGID HOSE THREAD  
BY 1.5" MALE NPSH



35-1515NPSHB  
1.5" FEMALE SWIVEL NPSH  
BY 1.5" FEMALE SWIVEL NPSH



A93  
2.5" FEMALE RIGID NPT  
BY 2.5" MALE HOSE THREAD



A93NB  
1.5" FEMALE RIGID NPT  
BY 1.5" MALE NPSH



A93NPSHB  
1.5" FEMALE RIGID NPSH  
BY 1.5" MALE NPT



A92  
2.5" MALE HOSE THREAD  
BY 2.5" MALE NPT



A92-2  
2.5" MALE HOSE THREAD  
BY 2" MALE NPT



A92NB  
1.5" MALE NPSH  
BY 1.5" MALE NPT



A91  
2.5" FEMALE SWIVEL HOSE THREAD  
BY 2.5" MALE NPT



A91-2  
2.5" FEMALE SWIVEL HOSE THREAD  
BY 2" MALE NPT



A91-3  
2.5" FEMALE SWIVEL HOSE THREAD  
BY 3" MALE NPT



# National Fire Equipment Ltd.

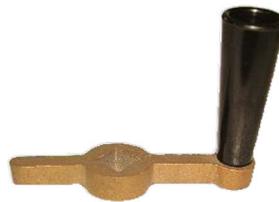
## HYDRANT & HOSE VALVES

*High Quality & Long-Lasting*



#A53G

Forged brass gate valves, straightway pattern with non-rising stem. Used as a hydrant gate valve, or for pump test/wall hydrant connections. Female swivel hose thread inlet by male hose thread outlet, 300 lbs rated. With red aluminum handwheel, or upgrade to brass speed handle. 2.5" female swivel hose thread by male hose thread. UL listed



#HANDLE-A53G



#A53G\_A

Designed to protect fire hydrants from damage that can occur if they are used for throttling. Constructed from high strength aluminum alloy, 356-T6 hard coated anodized throughout. 2.5" Female swivel hose thread by 2.5" male hose thread. Service test pressure: 250 PSI. Working pressure 100 PSI. Complete with speed handle.

**WARNING: NOT DESIGNED FOR FIRE DEPARTMENT STANDPIPE (CABINET) VALVE**

*Use NFE Model A86 soft seated valves only for FDC Connections in fire protection cabinets, stairwells and other end of line standpipe riser connections*

## Gated WYE



#A99

Leader line ¼ turn ball type WYE valve, providing two hose connections, with main feature as following:

- chrome plated forged brass swivel
- red painted cast brass main body
- red painted forged brass valves bodies
- chrome plated forged brass male connections
- 2 1/2" hose thread swivel inlet
- two 1-1/2" hose thread outlets
- rated pressure 300 psi



# National Fire Equipment Ltd.

## WRENCHES AND COVER

### *Hydrant Service Accessories*

#### *The TRIVET - Hose and Hydrant Wrench*



#C-32

Designed to:

- Handle all size couplings - pin or rocker lug from 1/2" through 4"
- Open fire hydrants with 1-1/4" square nut
- Open extinguisher head assemblies
- Open jammed hose valves
- Has many other uses i.e: jimmy bar, hammer, etc.

#### *Adjustable Hose and Hydrant Wrench*



#C-15

- Accommodates pentagon heads to 1-3/4", and square heads to 1-1/4"
- Single hook spanner head is designed to fit 3/4" through 6" rocker lug or pin lug fittings
- Weight: 4 lbs
- Length: 18-1/2"

#### *Hydrant Cover*



#EHYDRANT

Heavy duty vinyl hydrant covers with lettering "hydrant out of service". Provides easy identification and protects hydrant from the elements. Offered in both red and yellow colour. 36" long, 30" wide.



# National Fire Equipment Ltd.

## PITOT BAR

### Flow Test Tool

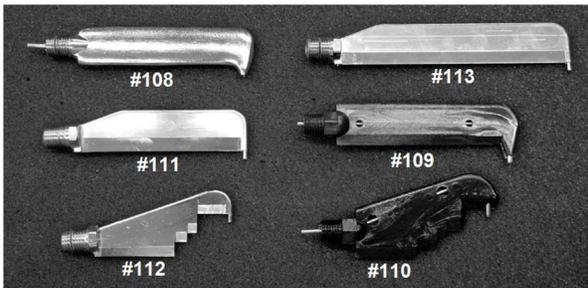


#PITOT

The hand held pitot tube is still the most efficient, economical, and accurate way to measure water discharge from hose nozzles, hydrants or other types of openings. Our pitot tube assembly is designed to be simple, sturdy, functional and inexpensive. We offer six different interchangeable pitot blades. All models feature an air chamber that is machined into the handle. This serves to dampen the gauge needle under pulsation, thus giving a more accurate reading. A bleeder is not incorporated into our design, simply because it would defeat the purpose of the air chamber. Removal of the gauge via the quick disconnect fitting provides for fast draining of the tube.

Our handles feature a high quality Parker B23N brass quick disconnect fitting with stainless locking balls. This allows for easy removal of the gauge, fast draining of the tube and convenient rotation of the pressure gauge during use. Since the female portion of the fitting remains on the gauge, no wrenching or twisting of the gauge is necessary during hook up or removal. This prevents costly damage caused by hand twisting the gauge into a fitting and results in longer gauge accuracy. Machined from solid brass hex stock with rounded corners for comfortable use. Simple, solid and able to be used with one or two hands. The 8" handle is nickel plated for corrosion resistance and durability.

#### BLADE OPTIONS



#### GAUGE OPTIONS



#GAUGE-GL60

#GAUGE-GL100

#GAUGE-GL

- #108 - Standard Metal Blade
- #109 - Straight Plastic Blade w/ Stainless Tubing
- #110 - Notched Plastic Blade w/ Stainless Tubing
- #111 - Ultra-thin Straight Metal Blade w/ Stainless Tubing (default)
- #112 - Ultra-thin Notched Metal Blade w/ Stainless Tubing
- #113 - Extra-long, Ultra-thin Straight Metal Blade w/ Stainless Tubing



FRICITION LOSS CALCULATOR  
#CALCULATOR



# National Fire Equipment Ltd.

## BRASS FITTINGS WITH GAUGE

*For Determining Static & Residual Pressure*



**#880-25**

2.5" Brass cap complete with Winters liquid filled gauge, 0-300 Psi. Comes with petcock valve for manual relief of pressure. Available in a variety of hose threads. May be placed directly onto a hydrant to determine static pressure. Please contact your local branch for availability.



**#269-15**

1.5" Brass in-line gauge. For determining static or residual pressure. Solid brass construction resists corrosion. Rocker lugs provide an easy grip for tightening with model #C-32 spanner wrench. Liquid filled gauge comes standard with 0-300PSI range. Please inquire about alternative gauge options. Female swivel NPSH hose thread x male hose thread. Measures 3-3/4" long.



**#269-25**

For determining static or residual pressure. Solid brass construction resists corrosion. Rocker lugs provide an easy grip for tightening with model #C-32 spanner wrench. Available in CSA, QST, NFLD and NST fire hose threads. Liquid filled gauge comes standard with 0-300PSI range. Please inquire about alternative gauge options. Female swivel hose thread x male hose thread. Measures four inches long.



# National Fire Equipment Ltd.

## PLAYPIPE & DIFFUSER

*Flow/Pressure/Diffusion Tools*



**#PLAYPIPE**

- Swivel handle, red marlin trim
- Maximum operating pressure: 100 PSI (water only) at 70° F (21° C)
- U/L listed and Factory Mutual approved
- Comes with standard 1-1/8" orifice tip
- Other tips available (special order)
- Available in a variety of Canadian hose threads



**#NFE-101**

Solid steel dechlorinating diffuser for testing hydrant and hose flow without damaging or destroying surrounding property. Complete with inner feed tube for administration of dechlorination tablets and a port for pressure testing. The large square cone shape allows the water to be dispersed harmlessly in a wide pattern. Available in all major Canadian hose threads.



Comes complete with  
hose thread adapt



# National Fire Equipment Ltd.

## FIRE HOSE TESTING AND REPAIRS

### Fire Hose Hydro Testing

Includes complete testing to NFPA Standards. Rolling and tagging failed hoses. Label and folding of 1 1/2" rack hose.

**New:** Prices now include minor repairs to rack hose (cut back and re-couple) to failed hoses if feasible. **New:** Prices now include visual inspections of hose before hydro testing.

Part No.	Description	Size
LABR-T-10	Labour - Hydro Testing Hose - 1" (up to 100')	1"
LABR-T-155075	Labour - Hydro Testing Hose - 1 1/2" (50' or 75')	1 1/2"
LABR-T-15100	Labour - Hydro Testing Hose - 1 1/2" (up to 100')	1 1/2"
LABR-T-20	Labour - Hydro Testing Hose - 2" (up to 100')	1 3/4" or 2"
LABR-T-255075	Labour - Hydro Testing Hose - 2 1/2" (50' to 75')	2 1/2"
LABR-T-25100	Labour - Hydro Testing Hose - 2 1/2" (up to 100')	2 1/2"
LABR-T-30	Labour - Hydro Testing Hose - 3" (up to 100')	3"
LABR-T-40	Labour - Hydro Testing Hose - 4" (up to 100')	4"

LABR-R	Labour - Re-Rack Hose (up to 100')	1 1/2"
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### Fire Hose Repairs

Where feasible, cut back to damaged or leaking area and reattach customer's coupling. Includes rings and gaskets. Testing not included after repairs. Please add if required

**Note:** Per NFPA Standards, hose is to be tested after all repairs.

Part No.	Description	Size
LABR-C-10	Labour to cut back and re-couple hose	1"
LABR-C-15	Labour to cut back and re-couple hose	1 1/2"
LABR-C-20	Labour to cut back and re-couple hose	1 3/4" or 2"
LABR-C-25	Labour to cut back and re-couple hose	2 1/2"
LABR-C-30	Labour to cut back and re-couple hose	3"
LABR-C-40	Labour to cut back and re-couple hose	4"
LABR-R	Labour to Re-Fold Hose -folding only, no test or repairs	1 1/2"

**NOTE: It is strongly recommended that all repairs and or re-coupled hose be hydro-statically tested for quality assurance. National Fire Equipment Ltd. cannot be responsible for coupling failure in the field if this testing has not been performed**

When removing hose for hydro testing, ensure that any pressure restricting discs in the female couplings are removed and left in the cabinet or tagged to ensure discs are reinstalled at proper floor level.

**Repairs to used hose and couplings are not covered by NFE's standard warranties. Please contact us for more information**

Extra time charges apply for tangled hose or unbanned hose dropped off for testing.



National Fire  
Equipment Ltd.

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VANCOUVER: (604) 420-1131  
Toll Free: (800)-667-2138

BURNABY: (604)-299-4498

EDMONTON: (780) 455-3870  
Toll Free: (888)-891-1008

CALGARY: (403) 236-5661

MONCTON: (506) 859-7277  
Toll Free: (877) 816-3473

MISSISSAUGA: (905) 565-1385

[www.nationalfire.com](http://www.nationalfire.com)