

ALL-AMERICAN HOSE™

# Industrial Hose Guide



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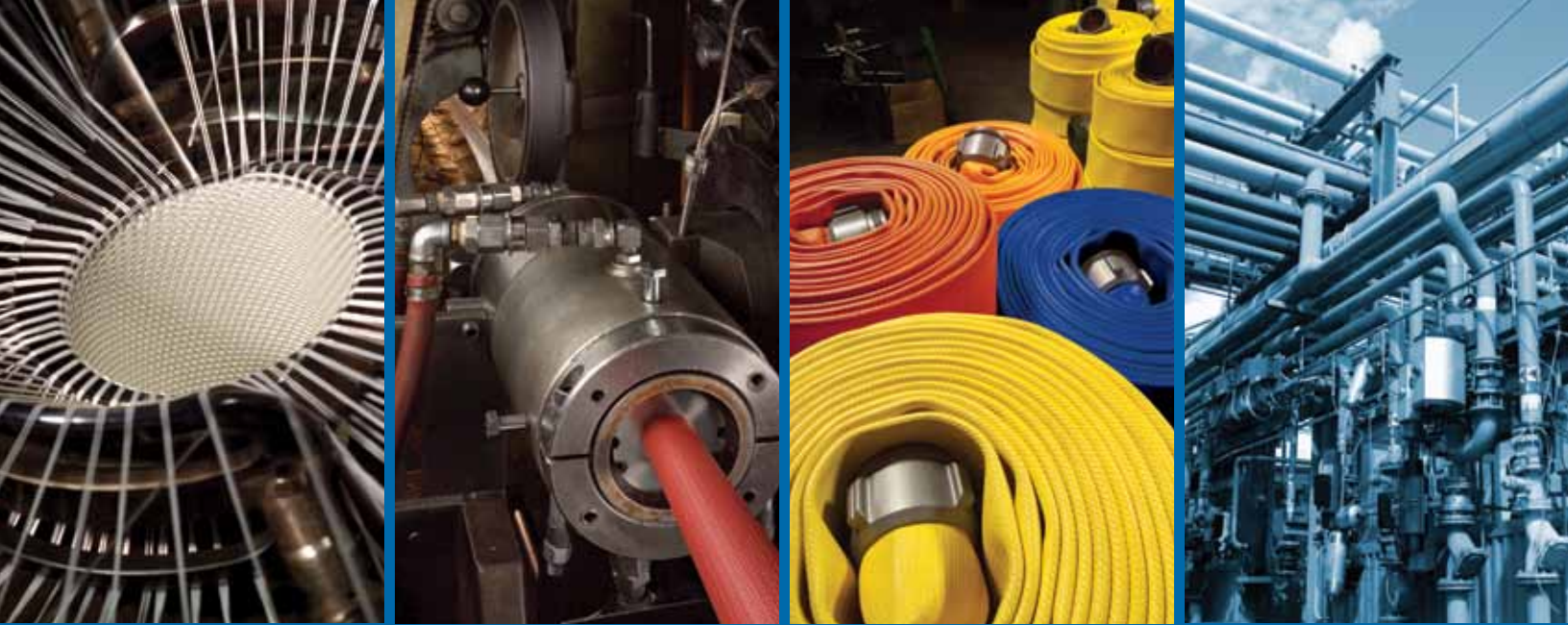


UL/ULC Listed Hose



FM Approved Hose





## We are All-American...

### All-American Hose, LLC

Having acquired the Snap-tite Hose Company, founded in 1970 and based in Erie, PA, and its associated brands All-American Hose, LLC remains steadfast in maintaining the position of being the world leader in the innovation and manufacturer of fire hose products serving municipal and volunteer departments as well as military and industrial users world-wide. Our innovations have been known to change the industries we serve. First to the market with large diameter hose (LDH) products that allowed firefighters to deliver a more consistent flow of water faster, a practice that is now wide spread throughout fire departments across North America.

All-American Hose is your single source for premium USA made layflat hose. Our unique hose products are designed and engineered for municipal, forestry, and industrial firefighting professionals. We also manufacture a complete line of industrial hose products for agriculture, irrigation, construction, military, mining, and petrochemical applications. Meeting the requirements of the markets that we serve, certifying our facilities to ISO 9001:2000 quality standards, and listening to our highly trained regional managers and stocking distributors will continue to make All-American Hose the single best choice in the world.

All-American Hose will continue to design, engineer and manufacture the most recognizable brands in the industry including Snap-tite, Ponn and National Fire Hose. Our commitment is to be the embodiment of an American Original...befitting firefighting and industrial professionals around the world. At All-American, we're dedicated to embody the heritage and tradition of the fire service and all the markets we serve by offering a complete line of legendary products and an unparalleled commitment to the safety, reliability and value.

**All-American Hose...the American Original.**



**ALL-AMERICAN HOSE™**



# 8D - Type 8D



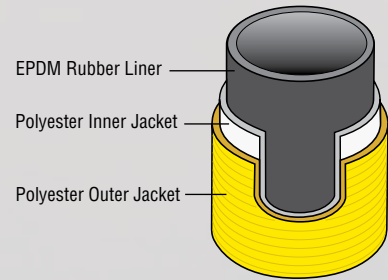
## Polyester Double Jacket Hose

8D hose is a premium quality, industrial grade, double jacket hose with a lightweight EPDM (Ethylene Propylene Diene Monomer) rubber liner that has a maximum operating pressure of 375 psi (2585 kPa). The outside jacket utilizes a tight weave that is less likely to “catch” while dragging through the work site and also helps to reduce kinking at low pressures, keeping the flow constant. The EPDM liner is inert to most chemicals, is inherently ozone resistant and won't degrade or crack. 8D also has a wide temperature range and is capable of being used at a mine in Alaska or a construction site in Arizona.

For the ultimate in durability, add our optional Dura-Cote™ colorized abrasion resistant protection for superior mildew resistance while at the same time preventing water pick-up.

### Properties and Construction

- Traditional double jacket, rubber lined industrial hose made from high tensile strength polyester yarn with a lining of extruded EPDM.
- Optional Dura-Cote™ treatment greatly increases abrasion, heat, flame and petrochemical resistance while virtually eliminating water pick-up. When treated, 8D is protected from mildew and no drying is required.
- Hose remains flexible to temperatures as low as -40°F (-40°C) and is resistant to ozone, oxidation and most chemicals or petroleum products.
- Available with aluminum NST or IPT threaded couplings.
- Excellent for tough applications such as construction sites, mines and industrial firefighting.
- National Fire Hose 8D is manufactured within our ISO-9001 certified quality assurance system.



### Construction:

Polyester Double Jacket  
EPDM Rubber Inner Liner

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

All sizes Aluminum, 1-1/2" & 2-1/2" Brass, NH/NST or IPT Threaded

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1"	400 (2760)	800 (5515)	1200 (8275)	13 (5.9)	1-1/2
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	1-15/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	17 (7.7)	2-3/16
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	2-1/2
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	28 (12.7)	3
3"	400 (2760)	800 (5515)	1200 (8275)	39 (17.7)	3-17/32

Operating Pressure not to Exceed 90% of Service Test Pressure

### How to Order

8D	17X50	Y	15	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
8D	10 = 1" 15 = 1-1/2" 17 = 1-3/4" 20 = 2" 25 = 2-1/2" 30 = 3"	Y = Yellow R = Red B = Blue O = Orange G = Green T = Tan W = White (Uncoated)	10 = 1" 15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3"	N = NH I = IPT	Blank = Aluminum BR = Brass Rocker Lug (1-1/2" & 2-1/2" only)

Part Number Example: **8D17X50Y15N** = 8D Hose, 1-3/4" ID by 50' Length, Yellow, 1-1/2" Aluminum NH/NST Threaded Coupling

# 6D - Type 6D



## Polyester Double Jacket Hose

### Performance Features:

National 6D hose is designed almost identically to our type 8D hose but for lower operating pressures at 275 psi (1895 kPa) maximum. When the pressures are lower and the economics demand consideration, this double jacketed, rubber lined hose can't be beat. Brass or aluminum couplings available.

As an added benefit, most sizes of type 6D are UL listed, some are ULC (UL Canada) listed or FM approved and can be labeled if required.

### How to Order

6D	30X50	W	25	N		UL
TYPE	HOSE I.D. X HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
6D	10 = 1" 50 = 50'	Y = Yellow	10 = 1"	N = NH	Blank=	UL=UL Labeled
	15 = 1-1/2" 100 = 100'	R = Red	15 = 1-3/4"	I = IPT	Aluminum	UC=ULC
	17 = 1-3/4"	W = White (Uncoated)	25 = 2-1/2"		BR= Brass	(UL Canada) Labeled
	25 = 2-1/2"		30 = 3"		Rocker Lug	
	30 = 3"		40 = 4"		BP= Brass	FM=Factory Mutual
	40 = 4"		60 = 6"		Pin Lug	
	60 = 6"	4" and 6" only available in W-White (uncoated)				

Part Number Example: **6D30X50W25NUL** = 6D Hose, 3" ID by 50' Length, White, 2-1/2" Aluminum NH/NST Threaded Coupling, UL Labeled

### Construction:

Polyester Double Jacket  
EPDM Rubber Inner Liner

### Coating:

Optimal Dura-Cote™

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Coupling:

Aluminum or Brass

NH/NST or IPT Threaded

### Approvals:

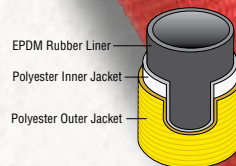
Most sizes - UL Listed

(see chart below for specifics),

1-1/2" & 2-1/2"-FM Approved

& ULC (UL Canada) listed

### Hose Colors:



SIZE	SERVICE TEST PSI (kPa)	PROOF TEST PSI (kPa)	BURST PSI (kPa)	WEIGHT (for 50' coupled) LBS (KG)	BOWL SIZE IN	Certification Available
1"	300 (2070)	600 (4140)	900 (6200)	12 (6.4)	1-1/2	
1-1/2"	300 (2070)	600 (4140)	900 (6200)	14 (6.4)	1-15/16	UL, UC, FM
1-3/4"	300 (2070)	600 (4140)	900 (6200)	16 (7.3)	2-3/16	UL
2-1/2"	300 (2070)	600 (4140)	900 (6200)	25 (11.8)	3	UL, UC, FM
3"	300 (2070)	600 (4140)	900 (6200)	37 (16.8)	3-17/32	UL
4"	300 (2070)	600 (4140)	900 (6200)	70 (31.8)	4-17/32	
6"	200 (1380)	400 (2760)	600 (4140)	100 (45.4)	6-3/4	

Operating Pressure not to Exceed 90% of Service Test Pressure

## Dura-Cote™ Hose Treatment

All-American Hose's exclusive "Dura-Cote™" hose treatment is a nitrile/latex (emulsified rubber) material that is force applied (not sprayed) and cross-linked during a high temperature curing process to build a virtually impenetrable shield in your choice of seven vibrant colors. The resultant protective layer gives superior abrasion, heat and chemical resistance, far surpassing the minimal standards of UL 19, UL 219 and FM Class No. 2111 as required by NFPA 1961 Standard on Fire Hose as well as MIL-H-24606B. Compared to competitive coatings of urethane and acrylic, nitrile/latex has remarkably better flexibility and ultra low temperature maneuverability.

- Abrasion resistance increased 10 times over uncoated hose
- Flame resistance increased 5 times
- Resistant to solvents, oil and other hydrocarbons
- Prevents water pick-up — no need for drying
- Immune to fungal damage
- U.V. and Ozone resistant



**Dura-Cote™ — Makes Great Hose Even Better**

# 8T - Type 8T

## Polyurethane Lined Hose

### Performance Features:

National 8T has the same jacket construction as 8D in that it is made with two jackets of tightly woven polyester but is lined with polyurethane which is lighter and packs tighter than 8D. The polyurethane liner material meets NSF Standard 61 for potable water use and can be used as a hydrant or water main bypass in an emergency situation. 8T is suitable for operating pressures up to 360 psi (2840 kPa).

### How to Order

8T TYPE	17X50 HOSE I.D. x HOSE LENGTH	Y COLOR	15 COUPLING SIZE	N THREAD TYPE	Blank= COUPLING MATERIAL
8T	15 = 1-1/2" 17 = 1-3/4" 25 = 2-1/2" 30 = 3"	Y = Yellow R = Red B = Blue O = Orange G = Green T = Tan W = White (Uncoated)	15 = 1-1/2" 25 = 2-1/2" 30 = 3"	N = NH I = IPT	Blank= Aluminum BR= Brass Rocker Lug (1-1/2" & 2-1/2" only)

Part Number Example: **8T17X50Y15N** = 8T Hose, 1-3/4" ID by 50' Length, Yellow, 1-1/2" Aluminum NH/NST Threaded Coupling



### Construction:

Polyester Double Jacket  
Polyurethane Inner Liner

### Coating:

Optional DuraCote™

### Temperature Range:

-40° to 150°F (-40° to 65°C)

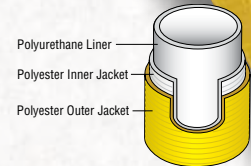
### Coupling:

All sizes Aluminum, 1-1/2" & 2-1/2" Brass, NH/NST or IPT Threaded

### Hose Colors:



POTABLE



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	14 (6.4)	1-15/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	15 (7.3)	2-3/16
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	25 (11.3)	3
3"	400 (2760)	800 (5515)	1200 (8275)	36 (16.3)	3-17/32

Operating Pressure not to Exceed 90% of Service Test Pressure

## Hose Coupling Options



### 3-Lug Aluminum Rocker Lug Coupling

Typical coupling supplied with Municipal and Industrial Hose. Twice as strong as brass and only one-third the weight. Hard coated for extra wear resistance and helps prevent damage to swivel and threads. Three lugs on both male and female swivel. Expansion ring type.



### Option Style Type BR, BP or BC Brass Rocker, Pin or Combination Lug Coupling

Basic two lug coupling that doesn't snag and rolls easily in use. Cast Brass; designed for heavy duty industrial fire hose applications where corrosion is a concern. Brushed brass finish. Expansion ring type.



### Style S Storz LDH Coupling

Lightweight cast aluminum, hard coated to prevent corrosion and abrasion. Self-locking, 3-part clamp design ensure better coupling retention and reduces hang-up when laying hose in the field.

# Mine Hose - Type 8M

## Polyester Double Jacket Hose

### Performance Features:

National 8M mine hose is a premium quality Neoprene rubber lined, double jacket hose that has been MSHA (Mine Safety & Health Administration) approved (USMSHA No. 2G-15/1) for use in any mine. The polyester outer jacket protects the inner jacket and liner from wear and puncture while also helping to prevent kinking that limits flow. Suitable for use up to 360 psi (2480 kPa). Brass or aluminum couplings available.

### How to Order

8M TYPE	15X50 HOSE I.D. x HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	COUPLING MATERIAL	
8M	15 = 1-1/2" 17 = 1-3/4"	50 = 50' 100 = 100'	W = White (Uncoated)	15 = 1-1/2"	N = NH I = IPT	Blank= Aluminum BR= Brass Rocker Lug BP= Brass Pin Lug

Part Number Example: **8M15X50W15N** = 8M Hose, 1-1/2" ID by 50' Length, White, 1-1/2" Aluminum NH/NST Threaded Coupling



### Construction:

Polyester Double Jacket  
Neoprene Rubber Liner  
with Rubber Backing

### Temperature Range:

-5° to 150°F (-20° to 65°C)

### Coupling:

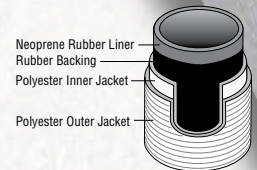
Aluminum or Brass NH/NST  
or IPT Threaded

### Approvals:

Mine Safety & Health  
Administration (MSHA)  
Approval, No. 2G-15/1

### Hose Colors:

UNCOATED



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	15 (6.4)	1-15/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	2-3/16

Operating Pressure not to Exceed 90% of Service Test Pressure

# Mine Hose - Type 5M

## Polyester Single Jacket Hose

### Performance Features:

National 5M mine hose is a polyester single jacket hose with a Neoprene rubber liner that resists burning inherently better than exclusively hydrocarbon rubber. This is why MSHA has seen fit to approve (USMSHA 2G-15/1) this hose for use in mines along with brass couplings that are non-sparking. 5M hose is woven with a very tight weave to help prevent the abrasion that can be attributed to this environment while also helping to prevent kinking typically associated with cheaper hoses. The hose can be used to a maximum operating pressure of 225 psi (1550 kPa).

### How to Order

5M TYPE	15X50 HOSE I.D. x HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	COUPLING MATERIAL	
5M	15 = 1-1/2" 20 = 2"	50 = 50' 100 = 100'	W = White (Uncoated)	15 = 1-1/2" 20 = 2"	N = NH I = IPT	Blank= Aluminum BR=Brass Rocker Lug BR=Brass Pin Lug

Part Number Example: **5M15X50W15N** = 5M Hose, 1-1/2" ID by 50' Length, White, 1-1/2" Aluminum NH/NST Threaded Coupling



### Construction:

Polyester Single Jacket  
Neoprene Rubber Lining  
with Rubber Backing

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Coupling:

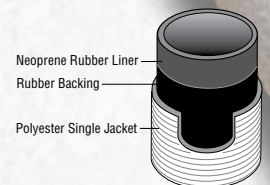
Aluminum or Brass NH/NST  
or IPT Threaded

### Approvals:

Mine Safety & Health Association  
(MSHA), Approval #2G-15/1

### Hose Colors:

UNCOATED



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1-1/2"	250 (1725)	500 (3450)	750 (5170)	15 (6.8)	1-3/4
2"	250 (1725)	500 (3450)	750 (5170)	22 (10)	2-5/16

Operating Pressure not to Exceed 90% of Service Test Pressure

# Low Pressure - Type 3P



## Polyester Single Jacket Hose

### Performance Features:

National 3P is an economical single jacket industrial hose made from high strength polyester along with an EPDM rubber liner. A tighter weave improves the operating pressure to 135 psi (930 kPa). 3P packs tightly and is very lightweight. For the same style hose in higher pressure applications or for UL or FM approvals, look to 5P or 6P hose types.

### How to Order

<b>3P</b>	<b>20X50</b>	<b>W</b>	<b>15</b>	<b>N</b>	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
3P	15 = 1-1/2" 50 = 50' 20 = 2" 100 = 100' 25 = 2-1/2"	W=White (Uncoated)	15 = 1-1/2" 20 = 2" 25 = 2-1/2"	N = NH I = IPT	Blank= Aluminum BR= Brass Rocker Lug BP= Brass Pin Lug

Part Number Example: **3P20X50W15NBR** = 3P Hose, 2" ID by 50' Length, White, 1-1/2" Brass Rocker Lug- NH/NST Threaded Coupling

### Construction:

Polyester Single Jacket  
EPDM Rubber Inner Liner

### Temperature Range:

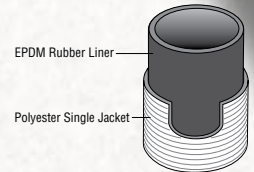
-40° to 150°F (-40° to 65°C)

### Coupling:

Aluminum or Brass NH/NST  
or IPT Threaded

### Hose Colors:

UNCOATED



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1-1/2"	150 (1035)	300 (2070)	450 (3100)	8 (3.6)	1-3/4
2"	150 (1035)	300 (2070)	450 (3100)	13 (5.8)	2-5/16
2-1/2"	150 (1035)	300 (2070)	450 (3100)	17 (7.5)	2-13/16

Operating Pressure not to Exceed 90% of Service Test Pressure

# Medium Pressure - Type 5P



## Polyester Single Jacket Hose

### Performance Features:

National 5P hose is the perfect medium pressure hose that is tough enough to meet most application requirements while remaining economical for most budgets. 5P is a polyester single jacket style hose with an EPDM rubber liner that can handle most fluids including some chemicals and petroleum based products. It has a maximum operating pressure of 225 psi (1550 kPa) and can be treated with our optional Dura-Cote™ treatment for a higher level of abrasion resistance while preventing water-pickup.

### How to Order

<b>5P</b>	<b>20X50</b>	<b>W</b>	<b>15</b>	<b>N</b>	<b>BR</b>	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
5P	15 = 1-1/2" 50 = 50' 20 = 2" 100 = 100' 25 = 2-1/2" 30 = 3" 40 = 4"	Y = Yellow R = Red W = White, (Uncoated)	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4"	N = NH I = IPT S = Storz	Blank= Aluminum BR= Brass Rocker Lug BP=Brass Pin Lug	UL=UL, Labeled FM=FM Labeled CR=Neoprene Liner for 1-1/2", 2", 2-1/2" & 4" only BS=Shank Coupling for 1-1/2", 2" & 2-1/2" only

4" only available  
in W=White (uncoated)

Part Number Example: **5P20X50W15NBR** = 5P Hose, 2" ID by 50' Length, White, 1-1/2" Brass Rocker Lug- NH/NST Threaded Coupling

### Construction:

Polyester Single Jacket  
EPDM Rubber Inner Liner

### Coating:

Optional DuraCote™

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Coupling:

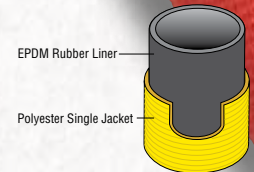
Aluminum or Brass NH/NST or  
IPT Threaded

### Approvals:

1-1/2" and 2-1/2" sizes are UL  
Listed and FM approved

### Hose Colors:

UNCOATED



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)	BOWL SIZE	Certification Available
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	
1-1/2"	250 (1725)	500 (3450)	750 (5170)	8 (3.6)	1-3/4	UL, FM
2"	250 (1725)	500 (3450)	750 (5170)	14 (6.4)	2-5/16	
2-1/2"	250 (1725)	500 (3450)	750 (5170)	18 (8.2)	2-13/16	UL, FM
3"	250 (1725)	500 (3450)	750 (5170)	24 (10.9)	3-3/8	
4"	250 (1725)	500 (3450)	750 (5170)	46 (20.8)	4-9/32	

Operating Pressure not to Exceed 90% of Service Test Pressure.



# High Pressure - Type 6P

## Polyester Single Jacket Hose

### Performance Features:

National 6P hose is a higher pressure hose that is tough enough to be used for industrial firefighting. 6P is a polyester single jacket style hose with an EPDM rubber liner that can also handle some chemicals and petroleum based products. It has an operating pressure of 275 psi (1895 kPa) and can be treated with our optional Dura-Cote™ treatment for a higher level of heat and abrasion resistance.

### How to Order

6P	20X50	R	15	N	BR	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
6P	10 = 1" x 50 = 50' 15 = 1-1/2" x 100 = 100' 20 = 2" x 25 = 2-1/2"	Y = Yellow R = Red W = White, (Uncoated)	10 = 1" 15 = 1-1/2" 20 = 2" 25 = 2-1/2"	N = NH I = IPT	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug	FM = FM Labeled

Part Number Example: **6P20X50R15NBR** = 6P Hose, 2" ID by 50' Length, Red, 1-1/2" Brass Rocker Lug- NH/NST Threaded Coupling



### Construction:

Polyester Single Jacket  
EPDM Rubber Inner Liner

### Coating:

Optional DuraCote™

### Temperature Range:

-40° to 150°F (-40° to 65°C)

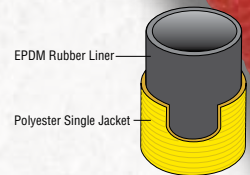
### Coupling:

Aluminum or Brass NH/NST or IPT Threaded, Aluminum Storz

### Approvals:

1-1/2" and 2-1/2" sizes are FM approved

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)	BOWL SIZE	Certification Available
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	
1"	300 (2070)	600 (4140)	900 (6200)	8 (3.6)	1-1/4	
1-1/2"	300 (2070)	600 (4140)	900 (6200)	9 (4.1)	1-3/4	FM
2"	300 (2070)	600 (4140)	900 (6200)	14 (6.4)	2-5/16	
2-1/2"	300 (2070)	600 (4140)	900 (6200)	19 (8.5)	2-13/16	FM

Operating Pressure not to Exceed 90% of Service Test Pressure



**When was your hose last tested?**  
**How much hose do you really have?**  
**Is your department NFPA - 1962 compliant?**

The Hose Record Vault system was developed with the hope that all fire departments would take this opportunity to fully implement fire hose preventative maintenance procedures, with full documentation as required by NFPA 1962. As a fireperson, you know what it takes to battle fires and our desire is that you have the confidence and knowledge that your fire hose is up to the job.

- Look Up the Location and Status of a Specific Piece of Hose
- Hose Records Stored in One Place, with Database Backup
- Easy Web Interface from Any Computer
- Hose Service Testing Email Reminders
- Barcode Capability Interface for Unique Hose Identifier
- Hose Inventory Management to Assist in Meeting ISO Asset Tracking

Unlock the answers with All-American Hose Record Vault Software!



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

# TPX - Type TPX

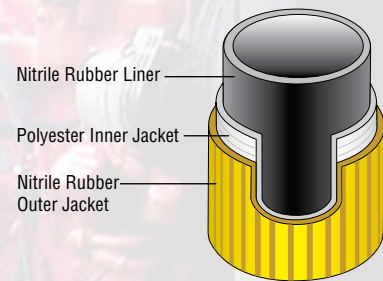


## 3-Ply Nitrile Rubber Hose

Traditionally manufactured extruded hose can vary in thickness, becoming bulky and heavy. TPX utilizes a unique 3-ply design where the cover and liner are extruded independently and double vulcanized to guarantee a consistent, compact hose wall. However, the strength of TPX is in its reinforcement. TPX is made of 100% high tenacity, polyester fibers. Polyester is known for its strength, but also has the ability when stretched, to return to its original size and shape. Tightly woven high strength polyester reinforcement means a longer wear life, greater tensile strength, and superior puncture resistance.

### Properties and Construction

- Ribbed nitrile rubber cover lowers drag force and provides long service life.
- Smooth nitrile rubber liner keeps pressure drop to a minimum.
- Polyester reinforcement, tightly woven, twill weave resists puncture.
- Hose remains flexible to temperatures as low as -5°F (-20°C) and is resistant to ozone, oxidation, and most chemicals or petroleum products.
- Excellent for tough applications such as construction sites, mines and industrial firefighting.
- TPX is manufactured within our ISO-9001 certified quality assurance system.



### Construction:

3-Ply Nitrile Rubber Cover/Liner  
Polyester Reinforcement

### Temperature Range:

-5° to 200°F (-20° to 95°C)

### Couplings Available:

Aluminum or Brass NH/NST or  
IPT Threaded & Aluminum Storz  
options

### Approvals:

MSHA Approved Product  
Available Upon Special Request

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1-1/2"	300 (2070)	600 (4140)	1000 (6900)	17 (8)	1-13/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	19 (9)	2-1/16
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	2-5/16
2-1/2"	330 (2275)	660 (4550)	1000 (6900)	30 (13.6)	2-13/16
3"	300 (2070)	600 (4140)	900 (6200)	38 (17.2)	3-5/16
4"	250 (1725)	500 (3450)	750 (5170)	45 (21)	4-5/16
5"	225 (1550)	450 (3100)	675 (4650)	55 (25)	5-5/16
6"	180 (1240)	360 (2480)	550 (3790)	70 (32)	6-5/16
8"	100 (690)	200 (1380)	400 (2760)	125 (57)	N/A

Operating Pressure not to Exceed 90% of Service Test Pressure

### How to Order

TPX TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
TPX	15 = 1-1/2" 17 = 1-3/4" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 50 = 5" 60 = 6" 80 = 8"	Y = Yellow R = Red K = Black	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 35 = 3-1/2" 40 = 4" 50 = 5" 60 = 6"	N = NH I = IPT S = Storz	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug
	8" only available in K=Black				

Part Number Example: TPX40X50Y40S = TPX Hose, 4" ID by 50' Length, Yellow, 4" Aluminum Storz Coupling

Pump shown is a Godwin Dri-Prime® Pump  
Godwin and Dri-Pump are registered trademarks of the  
Godwin Pumps of America Corporation

# HFX - Type HFX



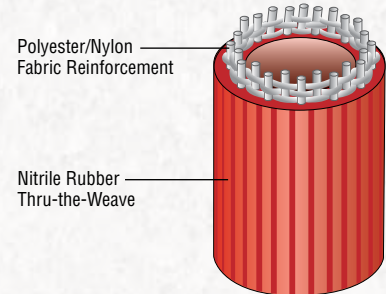
## Extruded Nitrile Rubber Hose

HFX is a nitrile thru-the-weave, rubber covered fire hose that utilizes both polyester and nylon yarn in the reinforcing jacket. Under pressure, the polyester keeps the hose from “snaking” where the nylon allows for controlled dilation, reducing friction loss and generating higher flow rates. Our special rubber compound provides a tough cover that resists heat, abrasion, snags, and hot embers.

HFX’s unique extruded thru-the-weave construction provides a flexible, easy to maneuver hose that is easy to pack. The interlocking matrix also means no adhesives are used and there is a permanent bond to all the warp and weft yarns.

### Properties and Construction

- HFX is an extruded thru-the-weave, nitrile rubber fire hose. The reinforcement is made with a blend of circular woven, twill weave, polyester and nylon fibers.
- The ribs on the cover surface greatly increase abrasion resistance and help provide a long service life.
- Highly resistant to both contact and radiant heat.
- Hose remains flexible to temperatures as low as -5°F (-20°C) and is resistant to ozone, oxidation, and most chemicals or petroleum products.
- Engineered for attack, supply, soft-sleeve suction and relay applications.
- HFX is manufactured in accordance with NFPA standard 1961, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Extruded Nitrile Cover/Liner  
Polyester/Nylon Reinforcement

### Temperature Range:

-5° to 200°F (-20° to 95°C)

### Couplings Available:

Aluminum or Brass NH/NST  
or IPT Threaded & Aluminum  
Storz options

### Approvals:

Most sizes UL and ULC  
(UL Canada) listed

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE	CERTIFICATION AVAILABLE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN	
1"	300 (2070)	600 (4140)	900 (6200)	8 (3.6)	1.75	1.0	1-3/16	
1-1/2"	300 (2070)	600 (4140)	900 (6200)	13 (5.9)	2.75	2.5	1-13/16	UL, UC
1-3/4"	300 (2070)	600 (4140)	900 (6200)	17 (7.7)	3.20	2.5	2-1/16	UL, UC
2"	300 (2070)	600 (4140)	900 (6200)	18 (8.1)	3.50	3.0	2-5/16	UL
2-1/2"	300 (2070)	600 (4140)	900 (6200)	26 (11.8)	4.25	3.5	2-13/16	UL, UC
3"	300 (2070)	600 (4140)	900 (6200)	33 (15)	5.00	4.5	3-5/16	
4"	230 (1585)	460 (3170)	700 (4825)	45 (20.4)	6.50	5.5	4-5/16	UL, UC
5"	200 (1380)	400 (2760)	600 (4140)	53 (24)	8.20	7.0	5-5/16	UL, UC
6"	150 (1035)	300 (2070)	500 (3450)	67 (30.4)	9.75	12.0	6-5/16	

### How to Order

HFX	40X50	Y	40	S		
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
HFX	10 = 1" 15 = 1-1/2" 17 = 1-3/4" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 50 = 5" 60 = 6"	Y = Yellow R = Red	10 = 1" 15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 35 = 3-1/2" 40 = 4" 45 = 4-1/2" 50 = 5" 60 = 6"	N = NH I = IPT S = Storz	Blank= Aluminum Rocker Lug BP=Brass Pin Lug	UL=UL Labeled UC=UL Canada Labeled

Part Number Example: HFX40X50Y40S = HFX Hose, 4" ID by 50' Length, Yellow, 4" Aluminum Storz Coupling



ATTACK



SUPPLY



SOFT SUCTION



LISTED

# LD - Type LD

## Lightweight Extruded Rubber Hose

### Performance Features

LD is a premium quality, nitrile rubber covered fire hose that is manufactured using a unique process which permanently bonds the nylon reinforcement to the nitrile rubber cover/liner.

LD is an easily coiled, non-kinking, high flow, lightweight hose that also resists abrasion, chemicals and weathering by ozone. Extruded thru-the-weave construction means that no adhesives are used, therefore no delamination.

### How to Order

LD TYPE	17X50 HOSE I.D. X HOSE LENGTH	R COLOR	15 COUPLING SIZE	N THREAD TYPE	BR COUPLING MATERIAL
LD	10 = 1" 15 = 1-1/2" 17 = 1-3/4" 20 = 2" 25 = 2-1/2"	Y = Yellow R = Red B = Blue	10 = 1" 15 = 1-1/2" 20 = 2" 25 = 2-1/2"	N = NH I = IPT BW = British Instantaneous	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug G = Gunmetal (BW Thread only)

Part Number Example: **LD17X50R15NBR** = LD Hose, 1-3/4" ID by 50' Length, Red, 1-1/2" Brass Rocker Lug - NH/NST Threaded Coupling



### Construction:

Nitrile Rubber Cover & Liner w/Nylon Reinforcement

### Temperature Range:

-5° to 200°F (-20° to 95°C)

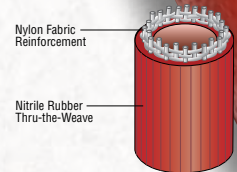
### Coupling:

Aluminum or Brass NH/NST or IPT Threaded, British Instantaneous

### Approvals:

Kitemark License KM 60099 to BS-6391 Type 3 Specification, ABS Type Approval, Meets Australian DEF (AUST) 5195A and AS-2795-1992 Class H Standards

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1"	250 (1725)	500 (3450)	770 (5310)	8 (3.6)	1-3/16
1-1/2"	250 (1725)	500 (3450)	770 (5310)	10 (4.5)	1-13/16
1-3/4"	250 (1725)	500 (3450)	770 (5310)	13 (5.9)	2-1/16
2"	250 (1725)	500 (3450)	770 (5310)	15 (6.8)	2-3/16
2-1/2"	250 (1725)	500 (3450)	770 (5310)	19 (8.3)	2-13/16

Operating Pressure not to Exceed 90% of Service Test Pressure

# ATX - Type ATX

## 3-Ply Rubber Hose-High Pressure

### Performance Features:

Manufactured in similar process as TPX, except designed for higher pressures, ATX utilizes a 3-ply design where the cover and liner are extruded independently and double vulcanized to guarantee a consistent, compact hose wall. The 3-ply design allows us to weave the reinforcement tighter than a typical extruded rubber hose which increases tensile strength and puncture resistance. ATX has a stronger jacket which increases the operating pressure to 275 psi (1895 kPa) as compared to TPX.

### How to Order

ATX TYPE	40X50 HOSE I.D. X HOSE LENGTH	Y COLOR	40 COUPLING SIZE	S THREAD TYPE	COUPLING MATERIAL
ATX	40 = 4" 50 = 5"	Y = Yellow R = Red O = Orange	40 = 4" 50 = 5"	N = NH I = IPT S = Storz	Blank = Aluminum

Part Number Example: **ATX40X50Y40S** = ATX Hose, 4" ID by 50' Length, Yellow, 4" Aluminum Storz Coupling



### Construction:

Nitrile Rubber Cover & Liner, 100% Polyester Reinforcement

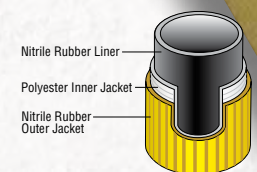
### Temperature Range:

-5° to 200°F (-20° to 95°C)

### Coupling:

Aluminum NH/NST or IPT Threaded & Aluminum Storz options.

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
4"	300 (2070)	600 (4140)	900 (6200)	64 (29)	4-5/16
5"	300 (2070)	600 (4140)	900 (6200)	82 (37.2)	5-5/16

Operating Pressure not to Exceed 90% of Service Test Pressure

# TE - Type TE



## Extruded Polyurethane Hose

Throughout the world, demand for better and more efficient water systems have become paramount. And, at All-American Hose we are poised to provide practical products and solutions to meet these ever changing demands. Our TE Hose is a superior layflat, potable water hose that is designed to be lightweight and flexible. This extruded polyurethane hose can deliver drinking water, assist as an emergency replacement for damaged hydrant lines and in the event of a disaster, replace a broken water main. TE hose is offered in a variety of diameters up to 6 inches (150mm), and in typical coupled lengths of 50 or 100 feet and can be specified in continuous lengths up to 660 feet (200 meters). TE hose is engineered of circular woven polyester fabric completely encapsulated by polyurethane elastomer that is forced through-the-weave to deliver better performance.

TE hose is compact, weather, abrasion and crack resistant. With operating pressures of up to 225 psi (1550 kPa) (not all sizes) and manufactured with NSF Standard 61 approved materials, TE Hose is the best solution for potable water delivery.

If you have to move more water, more efficiently All-American Hose has the product to get it done.

### Properties and Construction

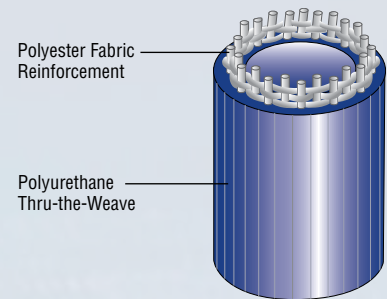
- NSF Standard 61 approved polyurethane is extruded through-the-weave, lowers drag force and provides long service life.
- Tightly woven polyester reinforcement resists puncture.
- Hose remains flexible to temperatures as low as -40°F (-40°C) and is resistant to ozone, oxidation and most chemicals or petroleum products.
- Available with aluminum Victaulic™ (6 inch only) or aluminum or brass NST/IPT threaded couplings (to 3 inch I.D. only).
- TE is manufactured within our ISO-9001 certified quality assurance system.

SIZE	MAX. OPERATING PRESSURE	BURST	WEIGHT (For 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1-1/2"	225 (1550)	900 (6200)	13 (5.9)	1-13/16
1-3/4"	225 (1550)	900 (6200)	15 (6.8)	2-1/16
2"	225 (1550)	900 (6200)	17 (7.7)	2-5/16
2-1/2"	225 (1550)	900 (6200)	22 (10)	2-13/16
3"	175 (1205)	700 (4825)	29 (13.2)	3-5/16
4"	150 (1035)	500 (3450)	46 (20.9)	4-5/16
4-1/2"	150 (1035)	500 (3450)	55 (25)	4-13/16
5"	150 (1035)	500 (3450)	60 (27.2)	5-5/16
6"	200 (1375)	600 (4140)	83 (37.6)	6-5/16

### How to Order

TE	20X50	K	15	N	BR	OPTIONS
TYPE	HOSE I.D. X HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	
TE	15 = 1-1/2" 50 = 50' 17 = 1-3/4" 100 = 100' 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 45 = 4-1/2" 50 = 5" 60 = 6"	Y = Yellow R = Red B = Blue K = Black	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 60 = 6"	N = NH I = IPT	Blank= Aluminum BR= Brass Rocker Lug BP=Brass Pin Lug	AS = Anti-Static Wire (2) in 1-1/2", 2", and 3" only (contact factory for extra cost)

Part Number Example: **TE20X50K15NBR** = TE Hose, 2" ID by 50' Length, Black, 1-1/2" Brass Rocker Lug- NH/NST Threaded Coupling



### Construction:

Polyurethane Extruded Through-the-Weave, Polyester Reinforcement

### Temperature Range:

-40° to 180°F (-40° to 80°C)

### Coupling:

Aluminum or Brass NH/NST or IPT Threaded, Aluminum Victaulic (6" only)

### Approvals:

Polyurethane Material Approved to NSF 61 for Potable Water  
All Standard Colors Approved for use in European Union - WRAS Test Report MA3505/C Standard BS6920

### Hose Colors:



POTABLE

Victaulic is a registered trademark of the Victaulic Company

## A Better Hose Company

At All-American Hose we are answering the call for a better hose company, with a dedication that embodies the heritage, tradition and commitments of the fire service. We are proud to offer a full arsenal of products, all backed by the industry's only "decade of service guarantee," all delivered as promised through our "definite day-delivery promise" and all supported by the best distribution in the business. These innovative products and services are your assurances of our unparalleled commitments to the safety, reliability and value designed to aid you in combating the challenges you face. Complying with industry standards and exceeding your standards meets our standard to be the best hose company in the world—All-American Hose...the American Original.

### Decade of Service Guarantee

If you are not completely satisfied with any of our products during their 10-year lifespan, you may return them, for any reason...no questions asked. "We pledge our products will serve beyond their call of duty."

### Definite-Day Delivery Promise

At All-American Hose, we deliver on time...so your arsenal will be mission ready. With our guaranteed definite-day delivery promise, once your order is placed commitments are kept. And, delivery is guaranteed with service and reliability being foremost. "We promise to deliver on time or we will pay the freight."

### Hose Logistics Made Easy

A unique identifier bar code is placed on each hose we manufacture. This provides product traceability and will assist fire departments with life of hose record keeping as required by NFPA 1962 Standard for Fire Department Inspection, Care, Use and Service Testing of Fire Hose. Our exclusive All-American Hose Record Vault is another resource tool we developed to aid fire departments with the documentation of hose records and preventive maintenance procedures.

### Certificate of Hydro Proof Test

Every coupled length of hose manufactured and shipped from All-American Hose is given a Factory Proof Test per the requirements of NFPA 1961 Standard On Fire Hose Manufacturing. A Certificate of the Proof Test is included in each shipping box and is also attached to each length of hose tested. This certificate verifies the date and time of the test and the unique hose ID barcode, as well as the proof pressure and validation that the hose has passed all testing requirements.

### Coupled in U.S.A. vs. Made in U.S.A.

What does the stencil and the country of origin mean? Is it the same as made in U.S.A.? "Made in USA" is meant to be an authorized statement reserved for products that comply with strict federal manufacturing guidelines. The intent is to instill consumer confidence when purchasing products made in America, without concern about the origin of the product's materials or manufacturing process. According to the Federal Trade Commission, "Made in U.S.A." means that "all or virtually all" of the product has been made in the United States. In fact, all significant parts, processing and labor that go into the product must be of U.S. origin. That said, products should not contain any—or only negligible—foreign content. It does not suggest that a hose company in the U.S. should purchase uncoupled lengths of hose manufactured somewhere in the world, couple the hose, maybe/maybe not hydrostatically test it, then stencil the hose to NFPA 1961 requirements and then list the country of origin as U.S.A. Clearly 2007 Edition of standard titled "The Origin and Development of NFPA 1961" guides manufacturers that adding the Country of Origin to the stencil should provide fire departments the "knowledge to know" where the hose was manufactured, not where it was coupled. All-American Hose is the only hose manufacturer in the world that manufactures all of its hose products in the United States of America.



## NFPA Pressure Rating Definitions

### Service Test Pressure:

Annual hydrostatic test to be conducted by purchaser on all in-service (used) hose to determine suitability for continued use. The service test pressure is to be 10% greater than the "normal highest operating pressure" at which the hose is expected to be used.

**Unless otherwise instructed, this pressure is stenciled on all hose prior to shipment.**

### Proof/Acceptance Test Pressure:

The "one-time" test pressure, performed by the factory, on every new hose prior to shipment. The proof test pressure shall not be less than 2 times the specified service test pressure.

### Burst Pressure:

The minimum burst test pressure shall not be less than 3 times the specified service test pressure.

### Operating/Working Pressure:

Maximum advised operating/working pressure that should not exceed 90% of the service test pressure (which is stenciled on the hose) or the maximum operating pressure of the attached coupling.



### DECADE OF SERVICE GUARANTEE

If you are not completely satisfied with our product during its 10-year lifespan, you may return it, for any reason...no questions asked.  
"We pledge our product will serve beyond its call of duty".

All-American Hose, LLC warrants that it will replace products sold provided:

- A. Customer shall notify All-American Hose, LLC of dissatisfaction or any claims of defects in materials or workmanship within 10-years after receipt of shipment.
- B. Return of product will be authorized by All-American Hose, LLC and then returned to the factory within 15 days after said authorization, transportation charges to be pre-paid.

This warranty will not extend to products which have been subject to misuse, neglect, accident or improper installation, misapplication under conditions not expressly made specifically known to nor approved by All-American Hose, LLC in advance of shipment or which have been repaired or altered outside our factory. All-American Hose, LLC's liability shall be limited to replacement or repair of All-American Hose, LLC's products.

### ! WARNING !

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE. This document and other information from All-American Hose, LLC, its subsidiaries and authorized distributors, provides product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operation conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met.

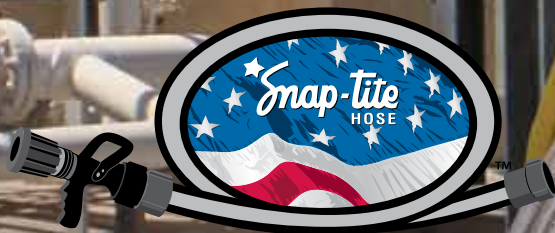
The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by All-American Hose, LLC and its subsidiaries at any time without notice.

ISO-9001 Certified



All-American Hose, LLC  
an All-American Holdings Company





**ALL-AMERICAN HOSE™**

AAH IC01 3/11