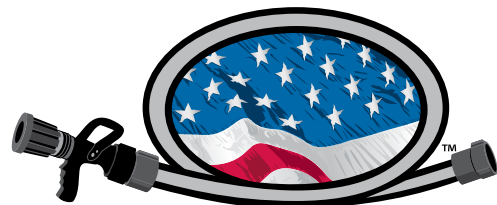


Industrial Hose Guide



ALL-AMERICAN HOSE™

Industrial Hose

All-American Hose is forging ahead with frontline technology and highly experienced personnel who are experts in the design and manufacture of lay-flat hose. Headquartered in Union City, PA, All-American Hose manufactures three iconic brands: **Snap-tite Hose**, **National Fire Hose**, and **PONN**— all proudly designed, engineered, and tested in the U.S.A.



Guide



Attack Hose



Supply Line Hose



Soft Suction Hose



Potable Water Hose



UL/ULC Listed Hose



FM Approved Hose



British Standards Institution (BSI)

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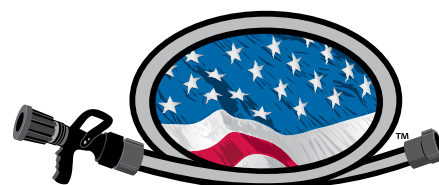
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ALL-AMERICAN HOSE™

SUPPLYHOSE

TE

*Lightweight
Extruded
Polyurethane*



Best Solution for Potable Water Delivery

TE is a superior lay-flat, potable water hose that is designed to be lightweight and flexible. Manufactured with NSF Standard 61 approved materials, 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. Offered in a variety of diameters up to 6", and in typical coupled lengths of 50' or 100', TE can be specified in continuous lengths up to 660'. If you have to move more water more efficiently, All-American Hose has the product to get it done.

SIZE	MAX OPERATING PRESSURE	BURST	WEIGHT (50' Coupled)	BOWL SIZE
IN	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1½"	225 (1550)	900 (6200)	13 (5.9)	1¹³⁄₁₆"
2"	225 (1550)	900 (6200)	17 (7.7)	2⁵⁄₁₆"
2½"	225 (1550)	900 (6200)	22 (10)	2¹³⁄₁₆"
3"	175 (1205)	700 (4825)	29 (13.2)	3⁵⁄₁₆"
4"	150 (1035)	500 (3450)	46 (20.9)	4⁵⁄₁₆"
4½"	150 (1035)	500 (3450)	55 (25)	4¹³⁄₁₆"
5"	150 (1035)	500 (3450)	60 (27.2)	5⁵⁄₁₆"
6"	200 (1375)	600 (4140)	83 (37.6)	6⁵⁄₁₆"

How to Order

TYPE	HOSE I.D.	X HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
TE	15 = 1½"	50 = 50'	Y = Yellow	15 = 1½"	N = NH	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug	AS = Anti-Static Wire 2 (1½", 2" and 3" only) <i>Contact factory for extra cost.</i>
	20 = 2"	100 = 100'	R = Red	20 = 2"	I = IPT		
	25 = 2½"		B = Blue	25 = 2½"			
	30 = 3"		K = Black	30 = 3"			
	40 = 4"			40 = 4"			
	45 = 4½"			50 = 5"			
	50 = 5"			60 = 6"			

Part No. Example: TE20X50K20NBR =

TE Hose, 2" ID by 50' Length, Black, 2" Brass Rocker Lug - NH/NST Threaded Coupling

Features

- NSF Standard 61 approved polyurethane is extruded thru-the-weave, lowers drag force and provides long service life.
- Reinforced woven polyester jacket provides increased puncture resistance.
- Remains flexible to -40°F (-40°C) and resists ozone, oxidation, and most chemical/petroleum products.
- Available with aluminum Victaulic® (6" only) or aluminum or brass NH/NST or IPT threaded couplings.
- Manufactured within our ISO-9001 certified quality assurance system.

Construction

Polyurethane Extruded Thru-the-Weave, Polyester Reinforcement

Temperature Range

-40° to 180°F (-40° to 80°C)

Couplings

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

Approvals

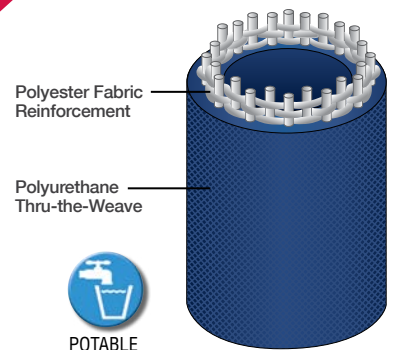
Polyurethane Material Approved to NSF 61 for Potable Water

Colors



Victaulic is a registered trademark of the Victaulic Company.

Snap-tite
HOSE



TPX

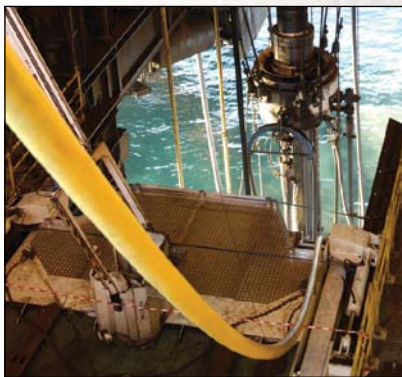
SUPPLY HOSE



*Nitrile Rubber
with Polyester
Reinforcement*

Unique 3-Ply Construction

Traditionally manufactured extruded hose can vary in thickness, becoming bulky and heavy. TPX utilizes a 3-ply design where the ribbed cover and smooth nitrile liner are extruded independently. The cover is inserted inside the tight-weave reinforcement, vulcanized, then turned “inside-out”. The liner is then inserted and the hose is vulcanized for a second time to form a bond of all three plies, guaranteeing a consistent, compact hose wall.



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE	CERTIFICATION AVAILABLE
IN	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	2 ⁵ / ₁₆ "	
2½"	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 (20.4)	4 ⁵ / ₁₆ "	UL, ULC
6"	180 (1240)	360 (2480)	550 (3790)	70 (31.8)	6 ⁵ / ₁₆ "	
8"	100 (690)	200 (1380)	400 (2760)	125 (56.7)	N/A	

As per NFPA 1961 - The service test pressure is to be 10% greater than the "normal highest operating pressure" at which the hose is expected to be used.

How to Order

TYPE	HOSE I.D. X HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
TPX	20 = 2" 50 = 50' 25 = 2½" 100 = 100' 30 = 3" 40 = 4" 60 = 6" 80 = 8"	Y = Yellow R = Red K = Black <i>8" only available in K = Black</i>	20 = 2" 25 = 2½" 30 = 3" 35 = 3½" 40 = 4" 50 = 5" 60 = 6"	N = NH I = IPT S = Storz	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug	UL = UL Listed ULC = UL Canada Listed

Part No. Example: TPX40X50Y40S =

TPX Hose, 4" ID by 50' Length, Yellow, 4" Aluminum Storz Coupling

Features

- 3-ply rubber municipal fire hose with both the cover and liner made of heavy duty nitrile rubber, high tensile strength tightly woven polyester reinforcement for maximum durability and flexibility.
- Nitrile rubber cover greatly increases abrasion resistance, provides long service life and the tightly woven reinforcement resists puncture.
- Remains flexible to temperatures as low as -5°F (-20°C) and is resistant to ozone, oxidation, and most chemicals and petrochemicals.
- Suitable for construction sites, mines and industrial fire fighting.

- Tighter weave allows more resistance to puncture while also being easier to pack and store.
- Manufactured in accordance with NFPA 1961 standard, latest edition 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

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

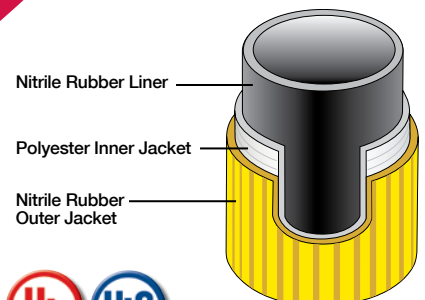
Approvals

MSHA Approved Product
Available Upon Special Request

Colors



Snap-tite
HOSE



ATTACK



SUPPLY



SOFT SUCTION



LISTED



ULC

ATX

High Pressure Nitrile Rubber Hose

Manufactured in a similar process as TPX, 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 polyester reinforcement can then be woven tighter, making this hose more resistant to puncture while also being easier to pack and store. ATX has a stronger jacket which increases the service test pressure of the LDH sizes to 300 psi (2070 kPa).



ATTACK




SUPPLY

Construction: 3-Ply Nitrile Rubber Cover/Liner Polyester Reinforcement

Temperature Range: -5° to 200°F (-20° to 95°C)

Couplings: Aluminum NH/NST or IPT Threaded, Aluminum Storz

Colors:   

Features

- 3-ply rubber municipal fire hose with both the cover and liner made of heavy duty nitrile rubber, high tensile strength tightly woven polyester reinforcement for maximum durability and flexibility.
- Smooth liner keeps friction loss to a minimum.
- Nitrile rubber cover greatly increases abrasion resistance, provides long service life and the tightly woven reinforcement resists puncture.
- Remains flexible to temperatures as low as -5°F (-20°C) and is resistant to ozone, oxidation, and most chemicals and petrochemicals.

FLX

Lightweight 3-Ply Nitrile Rubber Hose

Conventionally extruded rubber hose can vary in thickness, causing the hose to become bulky and heavy. Snap-tite FLX utilizes a unique 3-ply design where the cover and liner are extruded independently. The cover is inserted inside the tight-weave reinforcement, vulcanized, then turned "inside-out". The liner is then inserted and the hose is vulcanized for a second time to form a permanent bond of all three plies, guaranteeing a consistent and compact hose wall.

Construction: 3-Ply Nitrile Rubber Cover/Liner Polyester Reinforcement

Temperature Range: -5° to 200°F (-20° to 95°C)

Couplings: Consult Factory for Coupling Options

Colors: 

Features

- Ribbed nitrile rubber cover lowers drag force.
- Smooth liner keeps friction loss to a minimum.
- Nitrile rubber cover increases resistance to abrasion, oil, fuel and a wide range of chemicals.
- Hose remains flexible to temperatures as low as -5°F (-20°C).
- FLX is manufactured within our ISO-9001 certified quality assurance system.
- True lay-flat design makes FLX easy to deploy and easy to store.



SUPPLY

- Suitable for pumping to sprinklers and standpipes, industrial fire fighting, and supplying aerial devices.
- Manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.

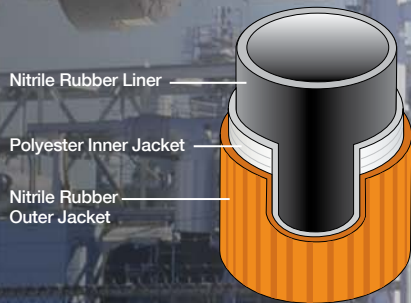
SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE
IN	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
4"	300 (2070)	600 (4140)	900 (6200)	64 (29)	4 $\frac{5}{16}$ "
5"	300 (2070)	600 (4140)	900 (6200)	82 (37.2)	5 $\frac{5}{16}$ "
6"	300 (2070)	600 (4140)	900 (6200)	94 (42.6)	6 $\frac{5}{16}$ "

As per NFPA 1961 - The service test pressure is to be 10% greater than the "normal highest operating pressure" at which the hose is expected to be used.

How to Order

TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
ATX	40 = 4"	Y = Yellow	40 = 4"	N = NH	Blank = Aluminum
	50 = 5"	R = Red	50 = 5"	I = IPT	
	60 = 6"	O = Orange	60 = 6"	S = Storz	

Part No. Example: ATX40X50Y40S =
ATX Hose, 4" ID by 50' Length, Yellow, 4" Aluminum Storz Coupling



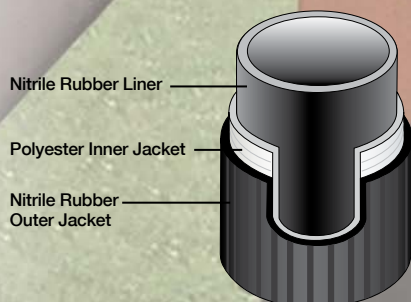
SIZE	WORKING PRESSURE	BURST	WEIGHT (For 50' Uncoupled)	BOWL SIZE
IN	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
3"	150 (1034)	450 (3102)	22 (10)	3 $\frac{5}{16}$ "
4"	150 (1034)	450 (3102)	30 (13.6)	4 $\frac{5}{16}$ "
5"	150 (1034)	450 (3102)	46 (20.9)	5 $\frac{5}{16}$ "
6"	150 (1034)	450 (3102)	59 (26.8)	6 $\frac{5}{16}$ "
8"	150 (1034)	450 (3102)	85 (38.6)	N/A

For higher pressure LDH requirements please specify Snap-tite TPX.

How to Order

TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
FLX	30 = 3"	K = Black	30 = 3"	N = NH	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug
	40 = 4"		35 = 3 $\frac{1}{2}$ "	I = IPT	
	50 = 5"		40 = 4"	S = Storz	
	60 = 6"		50 = 5"		
	80 = 8"		60 = 6"		

Part No. Example: FLX40X50K40S =
FLX Hose, 4" ID by 50' Length, Black, 4" Aluminum Storz Coupling



HFX

Extruded Nitrile Rubber Attack/Supply 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. The interlocking matrix also means no adhesives are used and there is a permanent bond to all the warp and weft yarns.

Construction: Extruded Nitrile Cover/Liner
Polyester/Nylon Reinforcement

Temperature Range: -5° to 200°F (-20° to 95°C)

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

Colors: 

Features

- 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.
- Remains flexible to temperatures as low as -5°F (-20°C) and is resistant to ozone, oxidation, and most chemicals and petrochemicals.
- Suitable for attack, supply, and soft-sleeve suction and relay applications.



ATTACK



SUPPLY



SOFT SUCTION



LISTED

LD

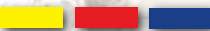
Lightweight Extruded Rubber Hose

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.

Construction: Nitrile Rubber Cover/Liner with
Nylon Reinforcement

Temperature Range: -5° to 200°F (-20° to 95°C)

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

Colors: 

Approvals: Kitemark License KM 60099 to BS 6391 Type 3 Specs,
ABS Type Approval

Features

- Extruded thru-the-weave, nitrile rubber fire hose. The reinforcement is made with circular woven, twill weave, nylon fibers.
- Highly resistant to both contact and radiant heat.
- Designed using an external elastomeric coating that provides very low absorption of liquids.
- Hose remains flexible to temperatures as low as -5°F (-20°C) and is resistant to ozone, oxidation, and most chemicals or petroleum products.
- Maintenance free, no drying required, and is easily cleaned.



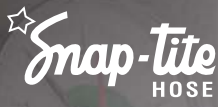
ATTACK



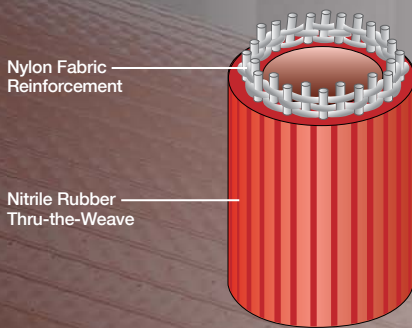
LISTED



BSI



- In various diameters up to 6" and in typical coupled lengths of 50' or 100' and can be specified in continuous lengths up to 660' uncoupled.
- Manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE	CERTIFICATION AVAILABLE
IN	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	
1"	300 (2070)	600 (4140)	900 (6200)	8 (3.6)	1 ³ / ₁₆ "	
1 ¹ / ₂ "	300 (2070)	600 (4140)	900 (6200)	13 (5.9)	1 ¹³ / ₁₆ "	UL, ULC
1 ³ / ₄ "	300 (2070)	600 (4140)	900 (6200)	17 (7.7)	2 ¹ / ₁₆ "	UL, ULC
2"	300 (2070)	600 (4140)	900 (6200)	18 (8.2)	2 ⁵ / ₁₆ "	UL, ULC
2 ¹ / ₂ "	300 (2070)	600 (4140)	900 (6200)	26 (11.8)	2 ¹³ / ₁₆ "	UL, ULC
3"	300 (2070)	600 (4140)	900 (6200)	33 (15)	3 ⁵ / ₁₆ "	
4"	230 (1585)	460 (3170)	700 (4825)	45 (20.4)	4 ⁵ / ₁₆ "	UL, ULC
6"	150 (1035)	300 (2070)	500 (3450)	67 (30.4)	6 ⁵ / ₁₆ "	

As per NFPA 1961 - The service test pressure is to be 10% greater than the "normal highest operating pressure" at which the hose is expected to be used.

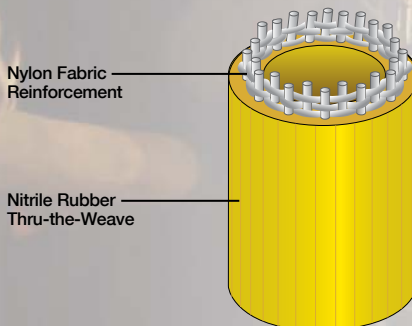
How to Order

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" 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 BR = Brass Rocker Lug BP = Brass Pin Lug	UL = UL Listed ULC = UL Canada Listed

Part No. Example: **HFX40X50Y40S** =
HFX Hose, 4" ID by 50' Length, Yellow, 4" Storz Aluminum Coupling



- Manufactured in accordance with NFPA standard 1961, latest edition within our ISO-9001 certified quality assurance system and has been third-party (Kitemark) tested for compliance to BS 6391 as a Type 3 hose.



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE	CERTIFICATION AVAILABLE
IN	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 "	BSI
1 ³ / ₄ "	250 (1725)	500 (3450)	770 (5310)	13 (5.9)	2 ¹ / ₁₆ "	BSI
2"	250 (1725)	500 (3450)	770 (5310)	15 (6.8)	2 ³ / ₁₆ "	BSI
2 ¹ / ₂ "	250 (1725)	500 (3450)	770 (5310)	19 (8.6)	2 ¹³ / ₁₆ "	UL, ULC, BSI

The service test pressure is 10% greater than the "normal highest operating pressure" at which the hose is designed to be used.

How to Order

TYPE	HOSE I.D. X HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
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 (1 ¹ / ₂ " only) G = Gunmetal (BW Thread only)	UL = UL Listed ULC = UL Canada Listed BSI = British Standard Institution

Part No. Example: **LD17X50R15NBR** =
LD Hose, 1³/₄" ID by 50' Length, Red, 1¹/₂" Brass Rocker Lug NH/NST Threaded Coupling

8D

Polyester Double Jacket Hose

Our National Fire Hose 8D is an industrial grade double jacket hose with a lightweight EPDM rubber liner that meets all the requirements of NFPA 1961. The outside jacket utilizes a tight weave that is less likely to “catch” while dragging through the worksite and also helps to reduce kinking at low pressures, keeping the flow constant. 8D also has a wide temperature range and is capable of being used at a mine in Alaska or a construction site in Arizona.



ATTACK



LISTED

Construction: Polyester Double Jacket EPDM Rubber Inner Liner

Temperature Range: -40° to 150°F (-40° to 65°C)

Couplings: Aluminum or Brass NH/NST, IPT Threaded

Colors:  UNCOATED

Features

- Exceptional quality, double jacket, rubber lined municipal fire hose made from 100% 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 highly resistant to ozone and oxidation.
- Kink resistance exceeds that of lightweight jacketed hose.

8T

Lightweight Polyester Double Jacket Hose

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.



ATTACK



POTABLE

Construction: Polyester Double Jacket Polyurethane Inner Liner

Temperature Range: -40° to 150°F (-40° to 65°C)

Couplings: Aluminum or Brass NH/NST, IPT Threaded

Colors:  UNCOATED

Features

- High quality, double jacket, municipal fire hose made from 100% high tensile strength polyester yarn along with a lining of thermoplastic polyurethane for reduced weight while remaining kink resistant.
- Reverse twill weave of the inner jacket provides a smooth waterway and superior lining adhesion, superseded only by Ponn Conquest™.
- Optional Dura-Cote™ protective treatment (see page 16 for more info).
- Hose remains flexible to temperatures as low as -40°F (-40°C) and is highly resistant to ozone and oxidation.



- Manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.

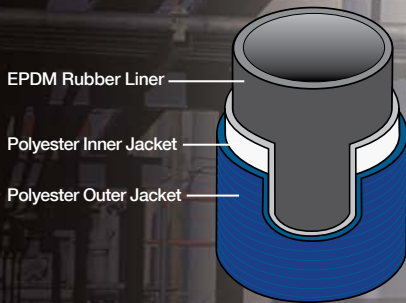
SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE	CERTIFICATION AVAILABLE
IN	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	
1"	400 (2760)	800 (5515)	1200 (8275)	13 (5.9)	1½"	
1½"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	1⅝"	
1¾"	400 (2760)	800 (5515)	1200 (8275)	17 (7.7)	2⅜"	UL, ULC
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	2½"	
2½"	400 (2760)	800 (5515)	1200 (8275)	28 (12.7)	3	UL, ULC
3"	400 (2760)	800 (5515)	1200 (8275)	39 (17.7)	3⅞"	

As per NFPA 1961 - The service test pressure is to be 10% greater than the "normal highest operating pressure" at which the hose is expected to be used.

How to Order

TYPE	HOSE I.D. X HOSE LENGTH	COLOR (Dura-Cote™)	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
8D	10 = 1"	Y = Yellow	10 = 1"	N = NH I = IPT	Blank = Aluminum BR = Brass Rocker Lug (1½" and 2½" only)	UL = UL Listed ULC = UL Canada Listed
	15 = 1½"	R = Red	15 = 1½"			
	17 = 1¾"	B = Blue	20 = 2"			
	20 = 2"	O = Orange	25 = 2½"			
	25 = 2½"	G = Green	30 = 3"			
	30 = 3"	T = Tan C = White (Coated) W = White (Uncoated)				

Part No. Example: **8D17X50Y15N** =
8D Hose, 1¾" ID by 50' Length, Yellow, 1½" Aluminum NH/NST Threaded Coupling



- The polyurethane lining material meets National Sanitation Foundation (NSF) Standard 61 for drinking water.
- Manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.

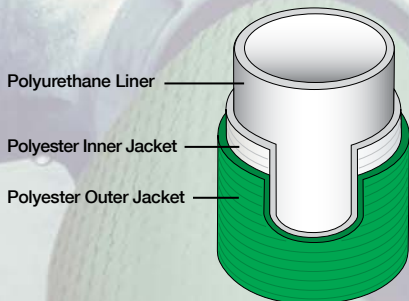
SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE
IN	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1½"	400 (2760)	800 (5515)	1200 (8275)	14 (6.4)	1⅝"
1¾"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	2⅜"
2½"	400 (2760)	800 (5515)	1200 (8275)	25 (11.3)	3"
3"	400 (2760)	800 (5515)	1200 (8275)	36 (16.3)	3⅞"

As per NFPA 1961 - The service test pressure is to be 10% greater than the "normal highest operating pressure" at which the hose is expected to be used.

How to Order

TYPE	HOSE I.D. X HOSE LENGTH	COLOR (Dura-Cote™)	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
8T	15 = 1½"	Y = Yellow	15 = 1½"	N = NH I = IPT	Blank = Aluminum BR = Brass Rocker Lug (1½" and 2½" only)
	17 = 1¾"	R = Red	25 = 2½"		
	25 = 2½"	B = Blue	30 = 3"		
	30 = 3"	O = Orange			
		G = Green			
		T = Tan C = White (Coated) W = White (Uncoated)			

Part No. Example: **8T17X50Y15N** =
8T Hose, 1¾" ID by 50' Length, Yellow, 1½" Aluminum NH/NST Threaded Coupling



6D

Polyester Double Jacket Hose

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. 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.



LISTED





FM

Construction: Polyester Double Jacket EPDM Rubber Inner Liner

Temperature Range: -40° to 150°F (-40° to 65°C)

Couplings: Aluminum or Brass NH/NST, IPT Threaded

Colors:   UNCOATED

Features

- Exceptional quality, double jacket, rubber lined municipal fire hose made from 100% 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, 6D is protected from mildew and no drying is required.
- Hose remains flexible to temperatures as low as -40°F (-40°C) and is highly resistant to ozone and oxidation.

Mine Hose

Polyester Double/Single Jacket Hose

National 8M mine hose is a premium quality rubber lined, double jacket hose that is MSHA (Mine Safety & Health Administration) approved (USMSHA No. 2G-15/1) for the rugged demands of underground fire fighting. A high quality polyester reinforced outer jacket protects an inner polyester jacket and rubber liners from wear and puncture while also helping to prevent kinking that limits flow. The all polyester double jacket construction provides maximum cut and abrasion resistance and is ideally suited for mining operations.

National 5M mine hose is a premium quality rubber lined, single jacket hose that has been MSHA approved (USMSHA No. 2G-15/1). A high quality polyester outer jacket protects an inner jacket rubber liner from wear and puncture while also helping to prevent kinking that limits flow.

Construction

8M: Polyester Double Jacket Rubber Liner with Rubber Backing

5M: Polyester Single Jacket Rubber Liner with Rubber Backing

Temperature Range

8M: -5° to 150°F (-20° to 65°C)


5M: -40° to 150°F (-40° to 65°C)

Couplings

Aluminum or Brass NH/NST, IPT Threaded

Approvals

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

Colors:  UNCOATED



- Manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.
- UL listed (see chart on right), 1½" & 2½" - FM approved & ULC listed.

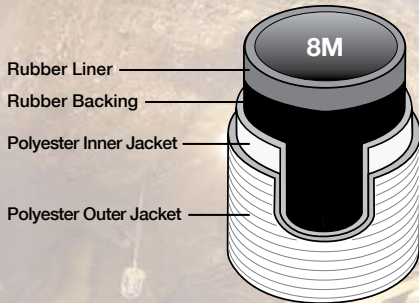
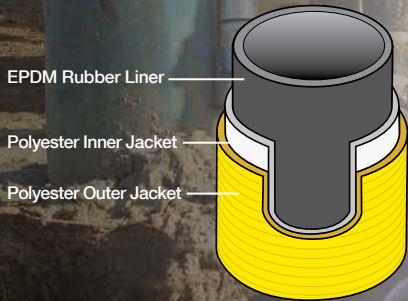
SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE	CERTIFICATION AVAILABLE
IN	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	
1"	300 (2070)	600 (4140)	900 (6200)	12 (5.4)	1½"	
1½"	300 (2070)	600 (4140)	900 (6200)	14 (6.4)	1 ⁵ / ₁₆ "	UL, ULC, FM
1¾"	300 (2070)	600 (4140)	900 (6200)	16 (7.3)	2 ³ / ₁₆ "	UL
2½"	300 (2070)	600 (4140)	900 (6200)	25 (11.3)	3	UL, ULC, 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)	6¾"	

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

How to Order

TYPE	HOSE I.D. X HOSE LENGTH	COLOR (Dura-Cote™)	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
6D	10 = 1"	Y = Yellow R = Red W = White (Uncoated)	10 = 1"	N = NH I = IPT	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug	UL = UL Listed
	15 = 1½"		15 = 1½"			ULC = UL Canada Listed
	17 = 1¾"		25 = 2½"			FM = Factory Mutual
	25 = 2½"		30 = 3"			
	30 = 3"		40 = 4"			
	40 = 4"		60 = 6"			

Part No. Example: 6D17X50Y15N =
6D Hose, 1¾" ID by 50' Length, Yellow, 1½" Aluminum NH/NST Threaded Coupling



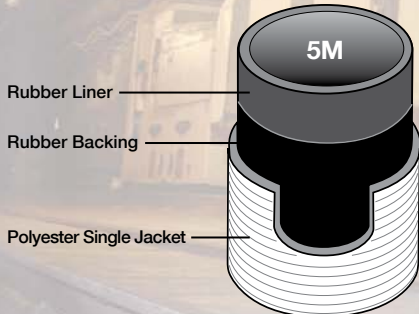
TYPE	SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE
	IN	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
8M	1½"	400 (2760)	800 (5515)	1200 (8275)	15 (6.8)	1 ¹⁵ / ₁₆ "
	1¾"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	2 ³ / ₁₆ "
5M	1½"	250 (1725)	500 (3450)	750 (5170)	15 (6.8)	1¾"
	2"	250 (1725)	500 (3450)	750 (5170)	22 (10)	2 ⁵ / ₁₆ "

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

How to Order

TYPE	HOSE I.D. X HOSE LENGTH	COLOR (Dura-Cote™)	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
8M	15 = 1½"	W = White (Uncoated)	15 = 1½"	N = NH I = IPT	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug
	17 = 1¾"				
5M	15 = 1½"	W = White (Uncoated)	15 = 1½"	N = NH I = IPT	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug
	20 = 2"				

Part No. Example: 8M17X50W15N =
8M Hose, 1¾" ID by 50' Length, White, 1½" Aluminum NH/NST Threaded Coupling



Low | Medium | High Pressure Hose

*Polyester
Single Jacket
3P, 5P and 6P*



EPDM Rubber Inner Liner

The National line of high strength polyester single jacket hoses offers a choice of low, medium and high pressure products versatile enough to meet most application requirements while remaining economical for most budgets. All National polyester single jacket style hoses feature an EPDM rubber liner that can handle most fluids including some chemicals and petroleum based products. And, can be treated with our optional Dura-Cote™ treatment for a higher level of heat and abrasion resistance while also reducing water pick-up.

TYPE	SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (50' Coupled)	BOWL SIZE	CERTIFICATION AVAILABLE
		PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	
3P	1½"	150 (1035)	300 (2070)	450 (3100)	8 (3.6)	1¾"	UL, ULC, FM
	2"	150 (1035)	300 (2070)	450 (3100)	13 (5.9)	2⅝"	
	2½"	150 (1035)	300 (2070)	450 (3100)	17 (7.7)	2⅞"	UL, ULC, FM
5P	1½"	250 (1725)	500 (3450)	750 (5170)	8 (3.6)	1¾"	UL, ULC, FM
	2"	250 (1725)	500 (3450)	750 (5170)	14 (6.4)	2⅝"	
	2½"	250 (1725)	500 (3450)	750 (5170)	18 (8.2)	2⅞"	UL, ULC, FM
	3"	250 (1725)	500 (3450)	750 (5170)	24 (10.9)	3⅜"	
	4"	250 (1725)	500 (3450)	750 (5170)	46 (20.9)	4⅝"	
6P	1"	300 (2070)	600 (4140)	900 (6200)	8 (3.6)	1¾"	
	1½"	300 (2070)	600 (4140)	900 (6200)	9 (4.1)	1¾"	
	2"	300 (2070)	600 (4140)	900 (6200)	14 (6.4)	2⅝"	
	2½"	300 (2070)	600 (4140)	900 (6200)	19 (8.6)	2⅞"	

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

How to Order

TYPE	HOSE I.D. X HOSE LENGTH	COLOR (Dura-Cote)	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
3P	15 = 1½" 50 = 50'	W = White (Uncoated)	15 = 1½"	N = NH	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug	UL = UL Listed ULC = UL Canada Listed FM = Factory Mutual
	20 = 2" 100 = 100'		20 = 2"	I = IPT		
	25 = 2½"		25 = 2½"			
5P	15 = 1½" 50 = 50'	Y = Yellow	15 = 1½"	N = NH	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug BS = Shank Coupling (1½", 2 and 2½" only)	UL = UL Listed ULC = UL Canada Listed FM = Factory Mutual CR = Neoprene Liner (1½", 2", 2½" and 4" only)
	20 = 2" 100 = 100'	R = Red	20 = 2"	I = IPT		
	25 = 2½"	W = White (Uncoated)	25 = 2½"			
	30 = 3"	4" only available in W = White Uncoated	30 = 3"			
	40 = 4"		40 = 4"			
6P	10 = 1" 50 = 50'	Y = Yellow	10 = 1"	N = NH	Blank = Aluminum BR = Brass Rocker Lug BP = Brass Pin Lug	
	15 = 1½" 100 = 100'	R = Red	15 = 1½"	I = IPT		
	20 = 2"	W = White (Uncoated)	20 = 2"	S = Storz		
	25 = 2½"		25 = 2½"			

Part No. Example: 3P20X50W15NBR =

3P Hose, 2" ID by 50' Length, White, 1½" Brass Rocker Lug NH/NST Threaded Coupling

Construction

Polyester Single Jacket EPDM Rubber Inner Liner

Coating

Optional Dura-Cote™

Temperature Range

-40° to 150°F (-40° to 65°C)

Couplings

Aluminum or Brass NH/NST, IPT Threaded, Aluminum Storz (6P only)

Approvals

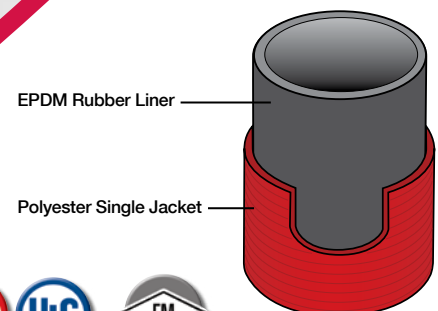
1½" and 2½" sizes are UL, ULC and FM approved (3P and 5P only)

Colors

3P:  UNCOATED

5P:   UNCOATED

6P:   UNCOATED



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, 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, oils and other hydrocarbons
- Prevents water pick-up — no need for drying
- Immune to fungal damage
- U.V. and Ozone resistant

Couplings

Style S Storz LDH Coupling

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



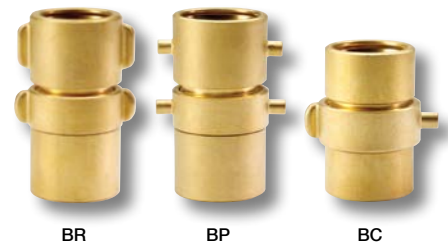
3-Lug Aluminum Rocker Lug Coupling

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.



BR

BP

BC

Anodized Colored Couplings

All-American Hose offers lightweight, color-coded Storz couplings made from extruded, high-strength aluminum alloy with no castings used. Then the entire coupling is anodized to produce a long-lasting, colored, hard coating that resists abrasion, chemicals and corrosion. These anodized, color-coded Storz couplings are engineered to exacting standards to insure proper connection and disconnection each and every time. Ideally suited for mutual aid situations. Choose from black, blue, gold, green or red, available in both 4" and 5" sizes.



Hose Record Vault

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



NFPA MEMBER **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.

Approvals

UL / ULC / FM / BSI approved hoses must be ordered using appropriate part numbers. Note that approved hoses may be rated differently than standard hoses.

One-Year Warranty

All-American Hose, LLC warrants that it will replace products sold that contain defects in materials or workmanship for a period of one year after receipt of shipment.

All product returns must be authorized by All-American Hose, LLC in advance and returned to the factory within 15 days after said authorization with any and all transportation charges pre-paid.

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: 2008 Certified Quality Management System



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

814.438.7616

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5/2014

