

**FLIP-OVER**  
to view  
the **INDUSTRIAL HOSE** Guide

# Municipal Hose Guide



**Snap-Tite**  
HOSE, INC.

# Municipal Fire Hose Guide

## CONTENTS/INDEX

Attack Hose



Supply Line Hose



Soft Suction Hose



Hi-Rise Hose



Compressed Air Foam System Hose (C.A.F.S.)



Forestry Hose



Potable Water Hose



UL/ULC Listed Hose



FM Approved Hose



### WOVEN HOSE

Conquest (FC).....Double Jacket ..... M-4,5  
Ponn

Supreme (FS).....Double Jacket ..... M-6,7  
Ponn

N-Dura (NP).....Double Jacket..... M-8,9  
National Fire Hose

Triple Duty (TD) .....Double Jacket..... M-10,11  
National Fire Hose

Triple Poly (TP) .....Double Jacket ..... M-12  
National Fire Hose

Dura-Pak (DP) .....Double Jacket ..... M-13  
National Fire Hose

8D (8D).....Double Jacket ..... M-14  
National Fire Hose

8T (8T).....Double Jacket..... M-15  
National Fire Hose

### RUBBER HOSE

TPX (TPX).....Rubber Covered ..... M-16,17  
Snap-tite Hose

HFX (HFX).....Rubber Covered ..... M-18,19  
Snap-tite Hose

ATX (ATX).....Rubber Covered ..... M-20  
Snap-tite Hose

LD (LD).....Rubber Covered..... M-21  
Snap-tite Hose

### FORESTRY HOSE

6F (6F).....Forestry Hose ..... M-22  
National Fire Hose

8F (8F).....Forestry Hose ..... M-22  
National Fire Hose

Quik Draw (2F) .....Forestry Hose ..... M-23  
National Fire Hose

COUPLING STYLES ..... M-24

FRICTION LOSS CHARTS ..... M-25

NFPA PRESSURE RATING  
DEFINITIONS ..... M-26

WARRANTY INFORMATION ..... M-26

[www.Snap-titeHose.com](http://www.Snap-titeHose.com)



# Why Choose Snap-tite?

"A world class tradition of quality since 1935" is more than just a slogan at Snap-tite: it's a defining philosophy. Since its inception, Snap-tite has grown to become an international company recognized as a leader and innovator in many fields.

During the late 1960's Snap-tite entered the municipal hose market and is credited with bringing the concept of large diameter hose (LDH) to wide spread use throughout North America. Today, virtually every fire department uses LDH to move water efficiently. During the late 80's and early 90's, Snap-tite acquired the Ponn Fire Hose and National Fire Hose companies to complete an expansion plan that has made Snap-tite one of the largest global fire hose manufacturers.

Snap-tite is a third-generation privately owned and operated company that has grown to become a world leader in the manufacture of layflat hose for all types of municipal, forestry, and industrial firefighting as well as industrial hose for agriculture, irrigation, construction, military, mining, and petrochemical applications. Meeting the requirements of the markets that we serve, certifying all of our facilities to ISO 9001:2000 quality standards, and listening to our highly trained regional stocking distributors has made Snap-tite Hose the best choice in the world.

You can't choose the right fire hose if you don't have a choice...



*Snap-tite's Corporate Office and one of six manufacturing facilities centrally located near Erie, Pennsylvania, USA.*

# Conquest

PATENTED HIGH FLOW TECHNOLOGY



# CONQUEST - Type FC

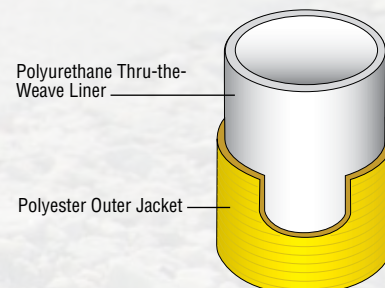


## Polyester Double Jacket Attack/Supply Hose

Looking for a hose to flow a tremendous amount of water? You've found it with CONQUEST! Today's fires are hotter and more water is needed at the nozzle to knock them down fast. Conquest meets that challenge every day. Our patented thru-the-weave extruded polyurethane liner has an incredibly smooth surface that enhances water flow. Typical friction loss reductions of over 50% compared to other hose designs deliver more water at standard operating pressure.

### Properties and Construction

- Unique, high quality, double jacket municipal fire hose made from 100% high tenacity spun polyester outer jacket covering an extruded-thru-the-weave polyurethane inner liner. NO ADHESIVE IS USED and the lining will never delaminate – 100% Guaranteed for the life of the hose.
- Lowest Friction Loss in the industry provides the highest flow available (see chart on page M-25) – up to 50% less than traditional hose.
- Exclusive Dura-Cote™ treatment increases abrasion resistance to well over 10 times that of uncoated hose on an abrasion tester, increases burn resistance by 500%, virtually eliminates water pick-up, and provides resistance to many petrochemicals.
- Hose remains flexible to temperatures as low as -40°F (-40°C) and meets all NFPA requirements for ozone resistance.
- Passes 34" doorway kink test at 50 psi (345 kPa) nozzle pressure.
- Optional color-coded stripe of one contrasting color can be woven into the outer jacket running the full length of the hose for identification purposes. See color chips for hose and stripe options.
- Suitable for C.A.F.S. and foam concentrates.
- When needed for potable water, the polyurethane lining material meets National Sanitation Foundation (NSF) Standard 61 for drinking water.
- Ponn Conquest is manufactured in accordance with NFPA (National Fire Protection Association) 1961 standard, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Polyester Double Jacket  
Extruded Polyurethane  
Inner Liner (Thru-the-Weave)

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

Aluminum NH/NST or IPT  
Threaded & Aluminum  
Storz options

### Hose Colors:



### Stripe Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	20 (9.1)	3.20	1.5	2-3/16
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	3.40	1.5	2-5/16
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	31 (14)	4.30	2.0	2-7/8
3"	300 (2070)	600 (4140)	900 (6200)	38 (17.2)	5.40	2.5	3-9/16
4"	300 (2070)	600 (4140)	900 (6200)	60 (27.2)	6.90	3.5	4-17/32
5"	300 (2070)	600 (4140)	900 (6200)	70 (31.8)	8.10	4.0	5-5/16

### How to Order

FC	17X50	Y	R	15	N	
TYPE	HOSE X HOSE I.D. LENGTH	COLOR	STRIPE** COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
FC	17 = 1-3/4" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 50 = 5"	50 = 50' 100 = 100'	Y = Yellow R = Red B = Blue O = Orange G = Green T = Tan C = White (Coated)	Y = Yellow R = Red B = Blue K = Black G = Green Blank = (No Stripe)	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 50 = 5"	N = NH I = IPT S = Storz Blank = Aluminum

Part Number Example: **FC17X50YR15N** = FC Conquest Hose, 1-3/4" ID by 50' Length, Yellow with Red Stripe, 1-1/2" Aluminum NH/NST Coupling



ATTACK



C.A.F.S.



HI-RISE



POTABLE

\*\*Choose high contrast stripe color as compared to the selected hose color. Choice may not be available, please verify before ordering.

# Supreme

PREMIUM HOSE - OUTSTANDING VALUE!



# SUPREME - Type FS



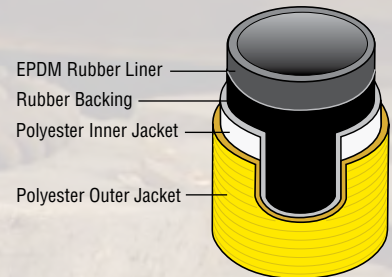
## Polyester Double Jacket Attack Hose

Supreme is a durable, rugged, traditional double jacket fire hose and one of the best values on the market today. Originally designed over 40 years ago, Supreme has become the hose to which all others are compared. Manufactured to exacting standards, our use of spun polyester yarn with a flexible rubber liner and calendered rubber backing, keeps this hose supple when empty and tough when necessary.

Supreme hose sizes up to 3" were designed specifically for use as heavy duty attack hose. It is manufactured to a service test pressure rating of 400 psi (2760 kPa) and handles all problems of the fireground with ease.

### Properties and Construction

- Premium quality, double jacket, EPDM (Ethylene Propylene Diene Monomer) rubber lined fire hose made from 100% high tensile strength polyester yarn. The liner is attached to the inner jacket using a rubber backing that is more flexible and has higher heat resistance than other hoses using a Thermoplastic (TPU) adhesive.
- Optional Dura-Cote™ treatment greatly increases abrasion, heat, flame and petrochemical resistance while virtually eliminating water pick-up. When treated, Supreme is protected from mildew and no drying is required
- Supreme remains flexible to temperatures as low as -40°F (-40°C) and is highly resistant to ozone and oxidation.
- Optional color-coded stripe of one contrasting color can be woven into the outer jacket running the full length of the hose for identification purposes. See color chips for hose and stripe options.
- Kink resistance exceeds that of lightweight jacketed hose.
- Suitable for use with C.A.F.S. and foam solutions.
- U.L. labeling is available on all sizes. FM approval is available on 1-1/2" and 2-1/2" sizes.
- Ponn Supreme is manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Polyester Double Jacket  
EPDM Rubber Inner Liner  
with Rubber Backing

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

Aluminum NH/NST or IPT  
Threaded & Aluminum Storz

### Approvals:

All sizes - UL Listed  
1-1/2" & 2-1/2" Sizes - FM  
Approved (see chart below  
for specifics)

### Hose Colors:



### Stripe 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	
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	19 (8.6)	2.80	1.0	1-15/16	UL, FM
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	20 (9.1)	3.20	1.0	2-3/16	UL
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	3.60	1.5	2-7/16	UL
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	32 (14.5)	4.50	2.0	3	UL, FM
3"	400 (2760)	800 (5515)	1200 (8275)	39 (17.7)	5.40	2.5	3-9/16	UL

### How to Order

TYPE	HOSE I.D.	x HOSE LENGTH	COLOR	STRIPE** COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
FS	15 = 1-1/2" 17 = 1-3/4" 20 = 2" 25 = 2-1/2" 30 = 3"	50 = 50' 100 = 100'	Y = Yellow R = Red B = Blue O = Orange G = Green T = Tan C = White (Coated) W = White (Uncoated)	Y = Yellow R = Red B = Blue K = Black G = Green Blank = (No Stripe)	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3"	N = NH I = IPT S = Storz	Blank= Aluminum	UL=UL Labeled FM=Factory Mutual

Part Number Example: **FS17X50YR15N** = FS Supreme Hose, 1-3/4" ID by 50' Length, Yellow and Red Stripe, 1-1/2" Aluminum NH/NST Coupling

\*\*Choose high contrast stripe color as compared to the selected hose color. Selection may not be available.



ATTACK



C.A.F.S.



LISTED



APPROVED

# N-Dura<sup>®</sup>

NYLON MAKES BETTER HOSE





# N-DURA<sup>®</sup> - Type NP

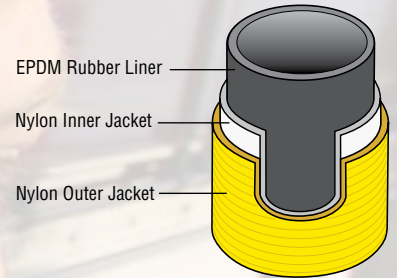


## Nylon Double Jacket Attack Hose

N-Dura<sup>®</sup> has an outstanding record of durability and value: 30 years of fireground experience and millions of feet sold prove that it is one of America's favorites. Produced from high quality raw materials to exacting standards, this rubber lined, nylon double jacketed hose has extinguished fires in every state, for the largest cities and the smallest volunteer fire departments.

### Properties and Construction

- Top quality, double jacket, rubber lined municipal fire hose made from 100% high strength, low stretch, air-entangled nylon for enhanced abrasion and kink resistance along with a lining of extruded EPDM rubber tube for long term adhesion.
- Outer jacket is manufactured with a tight weave with a high "pick" count to virtually eliminate snagging and pulling while on the fireground.
- Reverse twill weave of the inner jacket provides a smooth waterway, delivering the lowest friction loss in its class.
- The standard Dura-Cote™ treatment provides exceptional heat resistance, reduces moisture absorption, and greatly increases abrasion and petrochemical resistance.
- Lining remains flexible to temperatures as low as -40°F (-40°C) and is highly resistant to ozone and oxidation.
- Well suited for C.A.F.S. and foam solution application.
- National Fire Hose N-Dura<sup>®</sup> is manufactured in accordance with NFPA1961 standard, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Nylon Double Jacket  
EPDM Rubber Inner Liner

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

Aluminum NH/NST or  
IPT Threaded

### Hose Colors:



ATTACK



C.A.F.S.

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	15 (6.8)	2.80	1.0	1-15/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	3.20	1.0	2-3/16
2"	400 (2760)	800 (5515)	1200 (8275)	20 (9.1)	3.70	1.5	2-1/2
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	26 (11.8)	4.50	2.0	3
3"	400 (2760)	800 (5515)	1200 (8275)	34 (15.4)	5.30	2.5	3-17/32

### How to Order

NP	17X50	R	15	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR TYPE	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
NP	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	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3"	N = NH I = IPT	Blank = Aluminum

Part Number Example: **NP17X50R15N** = NP N-Dura Hose, 1-3/4" ID by 50' Length, Red, 1-1/2" Aluminum NH/NST Threaded Coupling

# Triple Duty

ATTACK—SUPPLY—RELAY...ALL IN ONE!



# TRIPLE DUTY - Type TD

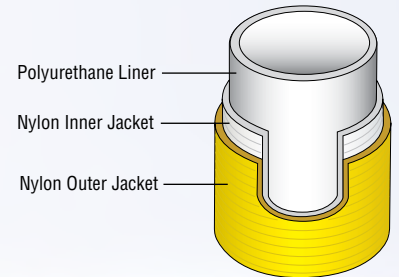


## Large Diameter Nylon Double Jacket Attack, Supply & Relay Hose

Not sure you want rubber LDH (Large Diameter Hose)? National Fire Hose Triple Duty gives you a double jacket alternative. The polyurethane liner is lighter than rubber and the nylon outer jacket, treated with our exclusive Dura-Cote™ abrasion resistant treatment, provides the durability you need. The result is a tough double jacket woven hose weighing a lot less than other LDH hose and packs tighter, requiring less hose bed space.

### Properties and Construction

- Triple Duty is a large diameter, double jacket municipal fire hose with both jackets made from 100% high strength, low stretch, filament nylon along with a lining of thermoplastic polyurethane for reduced weight and high flow rates.
- Reverse twill weave of the inner jacket provides a smooth waterway and superior lining adhesion, superseded only by **Ponn Conquest**.
- Standard Dura-Cote™ protective treatment greatly increases abrasion, heat, flame and petrochemical resistance while virtually eliminating water pick-up. As treated, Triple Duty 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.
- Specifically engineered for attack, supply and relay operations - a truly universal fire hose.
- Can be used for potable water in an emergency. The polyurethane lining material meets National Sanitation Foundation (NSF) Standard 61 for drinking water.
- National Fire Hose Triple Duty is manufactured in accordance with NFPA standard 1961, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Nylon Double Jacket  
Polyurethane Inner Liner

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

Aluminum NH/NST or IPT  
Threaded & Aluminum Storz  
options

### Hose Colors:



ATTACK



SUPPLY



SOFT SUCTION



POTABLE

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
4"	300 (2070)	600 (4140)	900 (6200)	44 (20)	6.90	3.5	4-17/32
5"	300 (2070)	600 (4140)	900 (6200)	55 (25)	8.40	4.0	5-15/32

### How to Order

TD	40X50	Y	40	S	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
TD	40 = 4" 50 = 5"	Y = Yellow R = Red B = Blue O = Orange G = Green T = Tan	40 = 4" 45 = 4-1/2" 50 = 5"	N = NH I = IPT S = Storz	Blank= Aluminum

Part Number Example: **TD40X50Y40S** = TD Triple Duty Hose, 4" ID by 50' Length, Yellow, 4" Aluminum Storz Coupling

# Triple Poly - Type TP



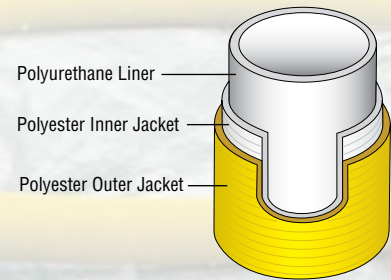
## Large Diameter Polyester Double Jacket Supply Hose

Looking for a polyurethane lined, polyester jacketed, all synthetic large diameter hose? National Fire Hose Triple Poly gives you that alternative. Lighter than rubber lined hose, Triple Poly is easy to handle and tough to the extreme. Its high tensile strength polyester outer jacket, coated with our exclusive Dura-Cote™ abrasion resistant treatment provides the durability you need. Our reverse twill woven inner jacket and polyurethane liner insure a smooth waterway as compared to traditionally woven hose and keeps friction loss low.

Should you desire reduced friction loss, an upgraded design with similar materials or if you need the optional identification stripes, take some time to review the **Ponn Conquest** specifications on pages M-4 and M-5.

### Properties and Construction

- Triple Poly is a large diameter, double jacket municipal fire hose with both jackets made from 100% high strength, low stretch, polyester along with a lining of thermoplastic polyurethane for reduced weight and high flow rates.
- Optional Dura-Cote™ protective treatment greatly increases abrasion, heat, flame and petrochemical resistance while virtually eliminating water pick-up. When treated, Triple Poly is protected from mildew and no drying is required.
- Lining remains flexible to temperatures as low as -40°F (-40°C) and is highly resistant to ozone and oxidation.
- Specifically engineered for Supply and Soft Suction hose applications.
- National Fire Hose Triple Poly is manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Polyester Double Jacket  
Polyurethane Inner Liner

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

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

### Hose Colors:



SUPPLY



SOFT SUCTION

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
4"	300 (2070)	600 (4140)	900 (6200)	41 (19.5)	6.90	3.5	4-17/32
5"	300 (2070)	600 (4140)	900 (6200)	51 (23.1)	8.40	4.0	5-15/32

### How to Order

TP	40X50	Y	40	S	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
TP	40 = 4" 50 = 5"	Y = Yellow R = Red B = Blue O = Orange G = Green T = Tan W = White (Uncoated)	40 = 4" 45 = 4-1/2" 50 = 5"	N = NH I = IPT S = Storz	Blank= Aluminum

Part Number Example: **TP40X50Y40S** = TP Triple Poly Hose, 4" ID by 50' Length, Yellow, 4" Aluminum Storz Coupling

# Dura-Pak - Type DP

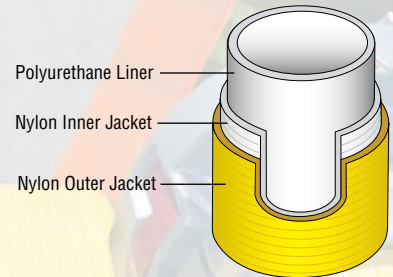


## Nylon Double Jacket Attack Hose

When introduced, Dura-Pak started an industry-wide trend toward lightweight hi-rise hose. Originally designed for back-pack use, Dura-Pak folds tightly for small spaces, hose beds and hi-rise packs. Because it is so durable many departments have selected Dura-Pak for frontline attack duties.

### Properties and Construction

- Dura-Pak is a double jacket municipal fire hose with both jackets made from 100% high strength, low stretch, air-entangled nylon 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, comparable only to **Ponn Conquest**.
- Standard Dura-Cote™ protective treatment greatly increases abrasion, heat, flame and petrochemical resistance while virtually eliminating water pick-up. When treated, Dura-Pak is protected from mildew and no drying is required.
- Lining remains flexible to temperatures as low as -40°F (-40°C) and is highly resistant to ozone and oxidation.
- Suitable for C.A.F.S. and foam concentrate applications.
- Polyurethane lining material meets National Sanitation Foundation (NSF) Standard 61 for drinking water.
- National Fire Hose Dura-Pak is manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Nylon Double Jacket  
Polyurethane Inner Liner

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

Aluminum NH/NST  
or IPT Threaded

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	13 (5.9)	2.80	1.0	1-15/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	15 (6.8)	3.20	1.0	2-3/16
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	23 (10.4)	4.50	1.5	3
3"	400 (2760)	800 (5515)	1200 (8275)	31 (14.1)	5.30	2.0	3-17/32

### How to Order

DP TYPE	17X50 HOSE I.D. x HOSE LENGTH	Y COLOR	15 COUPLING SIZE	N THREAD TYPE	Blank= Aluminum COUPLING MATERIAL
DP	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	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3"	N = NH I = IPT	Blank= Aluminum



ATTACK



HI-RISE



C.A.F.S.



POTABLE

Part Number Example: **DP17X50Y15N** = DP Dura-Pak Hose, 1-3/4" ID by 50' Length, Yellow, 1-1/2" Aluminum NH/NST Threaded Coupling

# 8D - Type 8D



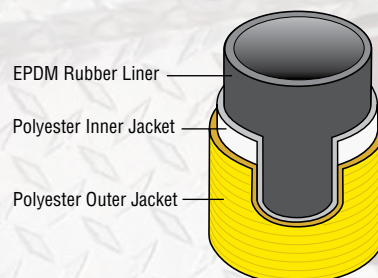
## Polyester Double Jacket Attack Hose

Our National Fire Hose 8D is a municipal grade double jacket hose with a lightweight EPDM rubber liner that meets all the requirements of NFPA 1961. It is designed for use as an attack handline hose and is manufactured to a service test pressure of 400 psi (2760 kPa) to handle all fireground challenges with ease.

Should one desire an upgraded design with similar materials using a rubber adhesive, UL or FM certification, or if a woven-in stripe is required for identification purposes, consider our **Ponn Supreme** hose found on pages M-6 and M-7.

### Properties and Construction

- 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.
- National Fire Hose 8D hose is manufactured in accordance with NFPA 1961 standard, latest edition 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:

Aluminum NH/NST  
or IPT Threaded

### Hose Colors:



ATTACK

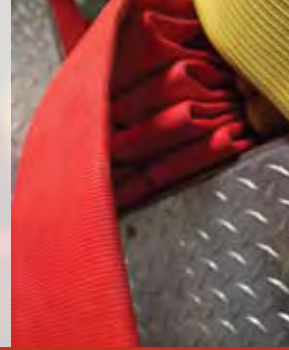
SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
1"	400 (2760)	800 (5515)	1200 (8275)	13 (5.9)	2.10	1.0	1-1/2
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	2.80	1.0	1-15/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	17 (7.7)	3.20	1.5	2-3/16
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	3.70	1.5	2-1/2
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	28 (12.7)	4.50	2.0	3
3"	400 (2760)	800 (5515)	1200 (8275)	39 (17.7)	5.30	3.0	3-17/32

### 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" x 50 = 50' 15 = 1-1/2" x 100 = 100' 17 = 1-3/4"	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

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

# 8T - Type 8T



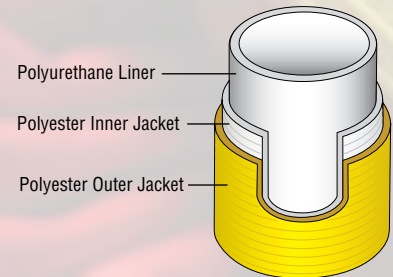
## Lightweight Polyester Double Jacket Hose

This double jacket municipal grade fire hose incorporates a lightweight polyurethane liner that meets all the requirements of NFPA 1961. It is designed for use as an attack handline hose and can be used for potable water transfer in an emergency.

Should one desire an upgraded design keeping with a polyurethane liner, or if a woven-in stripe is required for identification purposes, consider our **Ponn Conquest** hose found on pages M-4 and M-5.

### Properties and Construction

- 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.
- Optional Dura-Cote™ protective treatment greatly increases abrasion, heat, flame and petrochemical resistance while virtually eliminating water pick-up. When treated, 8T is protected from mildew and no drying is required.
- Hose remains flexible to temperatures as low as -40°F (-40°C) and is designed to meet all NFPA requirements for ozone resistance.
- Polyurethane lining material meets National Sanitation Foundation (NSF) Standard 61 for drinking water.
- National Fire Hose 8T hose is manufactured in accordance with NFPA 1961 standard, latest edition within our ISO-9001 certified quality assurance system.



### Construction:

Polyester Double Jacket  
Polyurethane Inner Liner

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

**Couplings Available:**  
Aluminum NH/NST or  
IPT Threaded

### Hose Colors:



ATTACK



POTABLE

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
1-1/2"	400 (2760)	800 (5515)	1200 (8275)	14 (6.4)	2.80	1.0	1-15/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	16 (7.3)	3.20	1.0	2-3/16
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	25 (11.3)	4.50	1.5	3
3"	400 (2760)	800 (5515)	1200 (8275)	36 (16.3)	5.25	2.0	3-17/32

### How to Order

8T	17X50	Y	15	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
8T	15 = 1-1/2" x 50 = 50' 17 = 1-3/4" x 100 = 100' 25 = 2-1/2" x 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

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

# TPX

UNIQUE 3-PLY CONSTRUCTION





# TPX - Type TPX



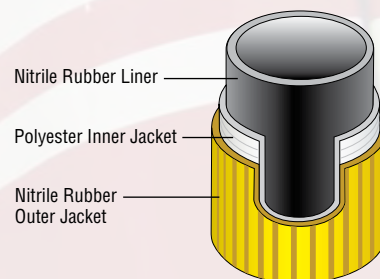
## 3-Ply Nitrile Rubber Attack/Supply Hose

Traditionally manufactured extruded hose can vary in thickness, becoming bulky and heavy. Snap-tite 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.

This 3-ply design allows us to weave the polyester reinforcement tighter, making this hose more resistant to puncture while also being easier to pack and store. TPX lays flat and needs less hose bed space than typical extruded hose. When higher pressure LDH is required for attack applications, please refer to our **Snap-tite ATX** hose found on page M-20.

### Properties and Construction

- TPX is a 3-ply nitrile rubber municipal fire hose with both the cover and liner made independently along with high tensile strength polyester reinforcement for maximum durability and flexibility.
- Smooth liner keeps friction loss to a minimum and is the best-in-kind, surpassed only by **Ponn Conquest**.
- Nitrile rubber cover greatly increases abrasion resistance, provides long service life and the tightly woven reinforcement 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.
- Suitable for attack, supply, and soft-sleeve suction applications.
- Snap-tite TPX is 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 Available:

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

### Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
1-1/2"	300 (2070)	600 (4140)	1000 (6900)	17 (8)	2.80	2.0	1-13/16
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	19 (9)	3.25	2.5	2-1/16
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	3.60	2.5	2-5/16
2-1/2"	330 (2275)	660 (4550)	1000 (6900)	30 (13.6)	4.30	3.5	2-13/16
3"	300 (2070)	600 (4140)	900 (6200)	38 (17.2)	5.10	4.5	3-5/16
4"	250 (1725)	500 (3450)	750 (5170)	45 (21)	6.60	5.0	4-5/16
5"	225 (1550)	450 (3100)	675 (4650)	55 (25)	8.20	7.5	5-5/16
6"	180 (1240)	360 (2480)	550 (3790)	70 (32)	9.90	12.5	6-5/16
8"	100 (690)	200 (1380)	400 (2760)	125 (57)	12.75	N/A	N/A

### How to Order

TPX	40X50		Y	40	S	
TYPE	HOSE I.D.	HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
TPX	15 = 1-1/2"	50 = 50'	Y = Yellow	15 = 1-1/2"	N = NH	Blank =
	17 = 1-3/4"	100 = 100'	R = Red	20 = 2"	I = IPT	Aluminum
	20 = 2"		K = Black	25 = 2-1/2"	S = Storz	BR = Brass
	25 = 2-1/2"			30 = 3"		Rocker Lug
	30 = 3"			35 = 3-1/2"		BP = Brass
	40 = 4"			40 = 4"		Pin Lug
	50 = 5"			50 = 5"		
	60 = 6"	8" only available in		60 = 6"		
	80 = 8"	K=Black				

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



ATTACK



SUPPLY



SOFT SUCTION

# HFV

HEAVY DUTY ATTACK/SUPPLY HOSE



# HFX - Type HFX



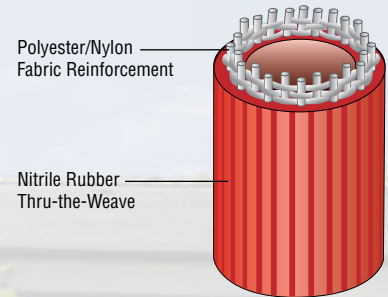
## Extruded Nitrile Rubber Attack/Supply Hose

Snap-tite 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.
- Snap-tite 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:



ATTACK



SUPPLY



SOFT SUCTION



LISTED

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 O = Orange K = Black	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

# ATX - Type ATX



**Snap-tite**

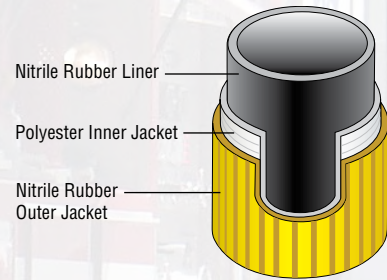
## Extruded High Pressure Nitrile Rubber Attack/Supply Hose

Manufactured in a similar process as TPX, Snap-tite 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).

ATX is designed to meet and exceed the NFPA pressure requirements for supply, relay, or attack operations on the fire ground and is suitable for pumping to sprinklers and standpipes, industrial fire fighting, and supplying aerial devices. When lower pressure LDH hose can be specified, please refer to our **Snap-tite TPX** hose found on pages M-16 and M-17.

### Properties and Construction

- ATX is a 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.
- Hose remains flexible to temperatures as low as -5°F (-20°C) and is resistant to ozone, oxidation, and most chemicals and petrochemicals.
- Suitable for high pressure attack, supply, and relay applications.
- Snap-tite ATX is 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

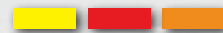
### Temperature Range:

-5° to 200°F (-20° to 95°C)

### Couplings Available:

Aluminum NH/NST or IPT  
Threaded & Aluminum Storz  
options

### Hose Colors:



ATTACK



SUPPLY

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
4"	300 (2070)	600 (4140)	900 (6200)	64 (29)	7.00	7.5	4-5/16
5"	300 (2070)	600 (4140)	900 (6200)	82 (37.2)	8.75	13.0	5-5/16

### How to Order

ATX	40X50		Y	40	S	
TYPE	HOSE I.D.	x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
ATX	40 = 4" 50 = 5"	50 = 50' 100 = 100'	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

# LD - Type LD

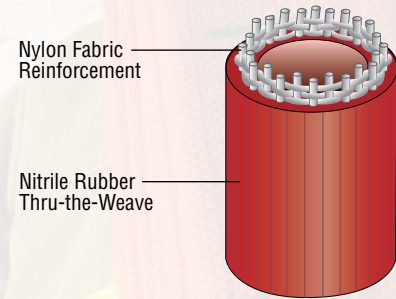


## Extruded Nitrile Rubber Hi-Rise Hose

Snap-tite 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.

### Properties and Construction

- LD is an 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.
- Engineered for high-rise applications but can be used as an alternative to all types of conventional hose.
- Maintenance free, no drying required, and is easily cleaned.
- Snap-tite LD is 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.



#### 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:



HI-RISE

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT <sup>3</sup>	IN
1"	250 (1725)	500 (3450)	770 (5310)	8 (3.6)	1.75	1.0	1-3/16
1-1/2"	250 (1725)	500 (3450)	770 (5310)	10 (4.5)	2.50	1.5	1-13/16
1-3/4"	250 (1725)	500 (3450)	770 (5310)	13 (5.9)	2.90	2.0	2-1/16
2"	250 (1725)	500 (3450)	770 (5310)	15 (6.8)	3.30	2.0	2-3/16
2-1/2"	250 (1725)	500 (3450)	770 (5310)	19 (8.3)	4.10	2.5	2-13/16

### 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 K = Black 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: LD17X50R15N = LD Hose, 1-3/4" ID by 50' Length, Red, 1-1/2" Aluminum Rocker Lug NH/NST Threaded Coupling

# 186 Forestry Hose - Type 6F

## Cotton-Polyester Single Jacket Forestry Hose

### Performance Features:

Snap-tite 6F Type 186 forestry hose is a lightweight, ozone resistant, rubber-lined fire hose with a mildew treated, cotton/polyester jacket designed primarily to meet the USDA Forest Service specification 5100-186 for "Cotton-Synthetic" fire hose. Cotton-Synthetic hose has the highest heat resistance of any jacketed fire hose manufactured, however the trade-off is that the hose needs to be dried prior to long term storage. This hose is available in 50' or 100' lengths and includes aluminum rocker lug or ¼ turn forestry couplings.

### How to Order

6F	10X50	WM	10	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
6F	10 = 1" x 50 = 50' 15 = 1-1/2" x 100 = 100'	WM = White (Mildew Treated)	10 = 1" 15 = 1-1/2"	N = NH I = IPT QT = Quarter Turn	Blank = Aluminum

Part Number Example: **6F10X50WM10N** = 6F Forestry Hose, 1" ID by 50' Length, White, 1" Aluminum NH/NST Threaded Coupling

### Construction:

Cotton/Polyester  
Single Jacket  
EPDM Rubber Inner Liner

### Coating:

Mildew Treated

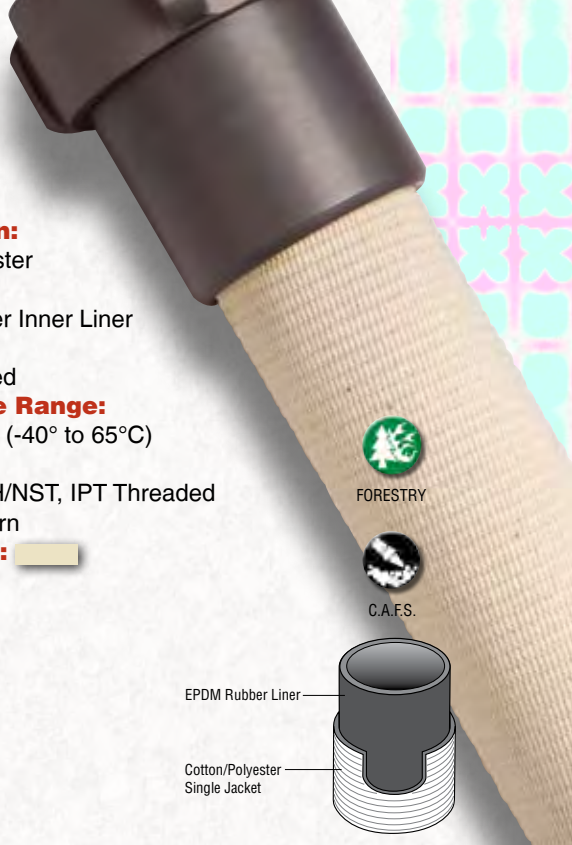
### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Coupling:

Aluminum NH/NST, IPT Threaded  
or Quarter Turn

### Hose Colors:



FORESTRY



C.A.F.S.

EPDM Rubber Liner

Cotton/Polyester Single Jacket

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1"	300 (2070)	600 (4140)	900 (6200)	7 (3.2)	1-1/4
1-1/2"	300 (2070)	600 (4140)	900 (6200)	11 (5)	1-11/16

# 187 Forestry Hose - Type 8F

## Polyester Single Jacket Forestry Hose

### Performance Features:

Snap-tite 8F Type 187 forestry hose is a lightweight, all-synthetic fire hose with a polyurethane lining inside a polyester jacket designed to meet the USDA Forest Service specification 5100-187 for "Synthetic Lined" fire hose. The optional Dura-Cote™ treatment greatly increases abrasion, heat, and flame resistance while virtually eliminating water pick-up. When used, 8F meets the new "Type II" specification, is protected from mildew and no drying is required. This hose is available in 50' or 100' lengths, includes aluminum rocker lug or ¼ turn forestry couplings, and meets or exceeds the low weight requirements of the specifications.

### How to Order

8F	10X50	Y	10	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
8F	10 = 1" x 50 = 50' 15 = 1-1/2" x 100 = 100'	Y = Yellow WM = White (Mildew Treated)	10 = 1" 15 = 1-1/2"	N = NH I = IPT QT = Quarter Turn	Blank = Aluminum

Part Number Example: **8F10X50Y10N** = 8F Forestry Hose, 1" ID by 50' Length, Yellow, 1" Aluminum NH/NST Threaded Coupling

### Construction:

Polyester Single Jacket  
Polyurethane Inner Liner

### Coating:

Mildew Treated (White Hose Only), Optional Dura-Cote™ (w/color)

### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Coupling:

Aluminum NH/NST, IPT Threaded  
or Quarter Turn

### Hose Colors:



FORESTRY



C.A.F.S.

Polyurethane Liner

Polyester Single Jacket

SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1"	300 (2070)	600 (4140)	900 (6200)	5 (2.3)	1-5/32
1-1/2"	300 (2070)	600 (4140)	900 (6200)	7 (3.2)	1-3/4

# Quik Draw™ - Type 2F

## Light Duty Polyester Single Jacket Forestry Hose

### Performance Features:

Quik Draw™ is a small diameter, lightweight, compact single jacket fire hose using standard 3/4" brass Garden Hose Thread (GHT) fittings having a working pressure of 150 psi (1030 kPa). This high tenacity filament polyester, polyurethane lined hose can be ordered with or without Snap-tite's Dura-Cote™ treatment that minimizes abrasion and pin-holing. With 50' of Quik-Draw™ weighing only 1.25 lbs and a coil diameter of around 9 inches, this hose can be taken almost anywhere.

### How to Order

<b>2F</b>	<b>06X50</b>		<b>W</b>	<b>07</b>	<b>GH</b>	<b>B</b>
TYPE	HOSE I.D.	x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
2F	06 = 5/8"	50 = 50'	Y = Yellow W=White (Uncoated)	07 = 3/4"	GH = Garden Hose	B= Brass

Part Number Example: **2F06X50W07GHB** = 2F Quick Draw Forestry Hose, 5/8" ID by 50' Length, White, 3/4" Brass Garden Hose Threaded Coupling

### Construction:

Polyester Single Jacket  
Polyurethane Lined Hose

### Coating:

Optional Dura-Cote™ (w/color)

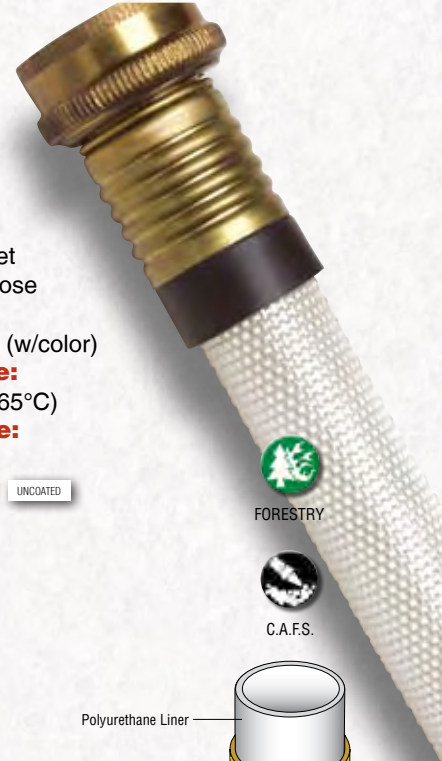
### Temperature Range:

-40° to 150°F (-40° to 65°C)

### Couplings Available:

Brass Garden Hose

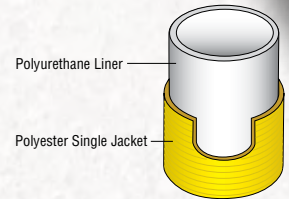
**Hose Colors:**  UNCOATED



FORESTRY



C.A.F.S.



SIZE	MAX. OPERATING PRESSURE		BURST	WEIGHT (For 50' Coupled)
	PSI (kPa)	PSI (kPa)		
5/8"	150 (1035)	600 (4140)	1.25 (0.6)	

# 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.

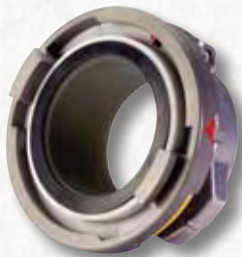
---



## 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.

---



## Option Style NFL/NMR Soft Suction LDH Coupling

Suction hose couplings are extruded 6061-T6 lightweight, hard-coated, high strength aluminum alloy. Long handles are finger-gripped and canted for clearance. Available in Female Long-Handle (NFL), Female Rocker-Lug (NFR), Male Rocker-Lug (NMR) and Male configurations. Expansion ring type.

---



## 2-Lug Aluminum Forestry Hose Coupling

Standard Threaded Forestry Hose coupling that meets USFS Specification No. 5100-108. Only hardcoated extruded 6061-T6 lightweight, high strength aluminum alloy couplings are used. Two-lug design. Expansion ring type.

---



## Option Style QT Quarter Turn Forestry Hose Coupling

Lightweight high-strength aluminum quick attach coupling for use with our forestry hose. External lugs for fast action, no threads to damage and hard-coated for long service life. 1-1/2" connecting face for both 1" and 1-1/2" forestry hose. Expansion ring type.



# Hose Friction Loss

## CONQUEST vs TYPICAL WOVEN HOSE

HOSE FRICTION LOSS (PSI per 100 FT)

	1-1/2"	1-3/4"	2"	2-1/2"	3"	4"	5"
60							
70	11.8	6.6	2.9				
80	15.4	8.6	3.8				
90	19.4	10.9	4.9				
100	24.0	13.5	6.0				
120	34.6	19.4	8.6				
140	47.0	26.5	11.8				
150	54.0	30.4	13.5				
200		54.0	24.0	8.0			
250		84.4	37.5	12.5	5.0		
300			54.0	18.0	7.2		
350			77.8	24.5	9.8		
400			96.0	32.0	12.8	3.2	1.1
500				40.3	16.0	5.0	1.7
750						11.4	3.7
1000						19.2	6.6
1500						43.2	17.0
2000						76.8	32.0

Actual **CONQUEST** friction loss data shown in **RED**. Data in **BLACK** is theoretical and is typical of any rubber or polyurethane lined hose.

## EXTRUDED RUBBER HOSE

HOSE FRICTION LOSS (PSI per 100 FT)

	1-3/4"	2"	2-1/2"	3"	4"	5"	6"
60							
70							
80							
90							
100	9.6	4.0	1.3				
120	15.1	6.2	2.0				
140							
150	21.3	8.9	2.9				
200	40.0	16.0	3.2	1.7			
250	84.0	37.5	12.5	5.0			
300		54.0	18.0	7.2			
350		77.8	24.5	9.8			
400		96.0	32.0	12.8	3.2	1.1	0.6
500				20.0	5.0	1.7	0.9
750				45.0	11.4	3.7	1.9
1000					19.2	6.6	2.6
1500					43.2	14.9	7.3
2000					76.8	26.4	10.4

Data shown is theoretical and is typical of any Extruded Rubber Hose.

# Dura-Cote™ Hose Treatment

Snap-tite'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**

## 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.



[www.Snap-titeHose.com](http://www.Snap-titeHose.com)

### LIMITED WARRANTY

Snap-tite warrants that it will replace defective products sold provided:

- A. Customer notifies Snap-tite of any claims of defects in materials or workmanship within one year after receipt of shipment.
- B. Return of goods is authorized by Snap-tite and then returned to the factory within 15 days after said authorization, transportation charges pre-paid; and
- C. Products or parts are found to be defective in materials and workmanship upon examination by Snap-tite.

Products shall not be considered as defective or nonconforming if they substantially fulfill performance requirements and are manufactured in accordance with Snap-tite's specifications. This warranty will not extend to goods which have been subject to misuse, neglect, accident or improper installation, misapplication under conditions not expressly made specifically known to nor approved by Snap-tite in advance of shipment or which have been repaired or altered outside our factory. Snap-tite's liability shall be limited to replacement or repair of Snap-tite'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 Snap-tite, Inc., 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 Snap-tite, Inc. and its subsidiaries at any time without notice.*



217 Titusville Road  
Union City, Pennsylvania 16438-8698 USA  
PH: 814-438-7616 FAX: 814-438-8163  
e-mail: [hose\\_sales@snap-tite.com](mailto:hose_sales@snap-tite.com)



Industrial Estate  
Whitemill - Wexford  
Republic of Ireland  
PH: 353 53 914 1566 FAX: 353 53 914 1582  
e-mail: [ste\\_sales@snap-tite.com](mailto:ste_sales@snap-tite.com)

**ISO-9001 Certified**

**FLIP-OVER**  
to view  
the MUNICIPAL HOSE Guide

# Industrial Hose Guide



**Snap-Tite**  
HOSE, INC.

# Industrial Hose Guide

## CONTENTS / INDEX

Potable Water Hose



UL/ULC Listed Hose



FM Approved Hose



### WOVEN DOUBLE JACKET HOSE

8D (8D) ..... Double Jacket	I-4
National Fire Hose	
6D (6D) ..... Double Jacket	I-5
National Fire Hose	
Mine Hose (8M) ..... Double Jacket	I-5
National Fire Hose	
8T (8T) ..... Double Jacket	I-6
National Fire Hose	

### WOVEN SINGLE JACKET HOSE

Mill Discharge (2P) ..... Single Jacket	I-6
National Fire Hose	
Low Pressure (3P) ..... Single Jacket	I-7
National Fire Hose	
Medium Pressure (5P) ..... Single Jacket	I-7
National Fire Hose	
High Pressure (6P) ..... Single Jacket	I-8
National Fire Hose	
Mine Hose (5M) ..... Single Jacket	I-8
National Fire Hose	
High Temp (2H) ..... Single Jacket	I-9
National Fire Hose	
High Temp (3H) ..... Single Jacket	I-9
National Fire Hose	

### RUBBER HOSE

TPX (TPX) ..... Rubber Jacket	I-10
Snap-tite Hose	
HFX (HFX) ..... Rubber Jacket	I-11
Snap-tite Hose	
ATX (ATX) ..... Rubber Jacket	I-11
Snap-tite Hose	
LD (LD) ..... Rubber Jacket	I-12
Snap-tite Hose	

### POLYURETHANE HOSE

TE (TE) ..... Polyurethane Hose	I-13
Snap-tite Hose	

COUPLING STYLES	M-24
-----------------	------

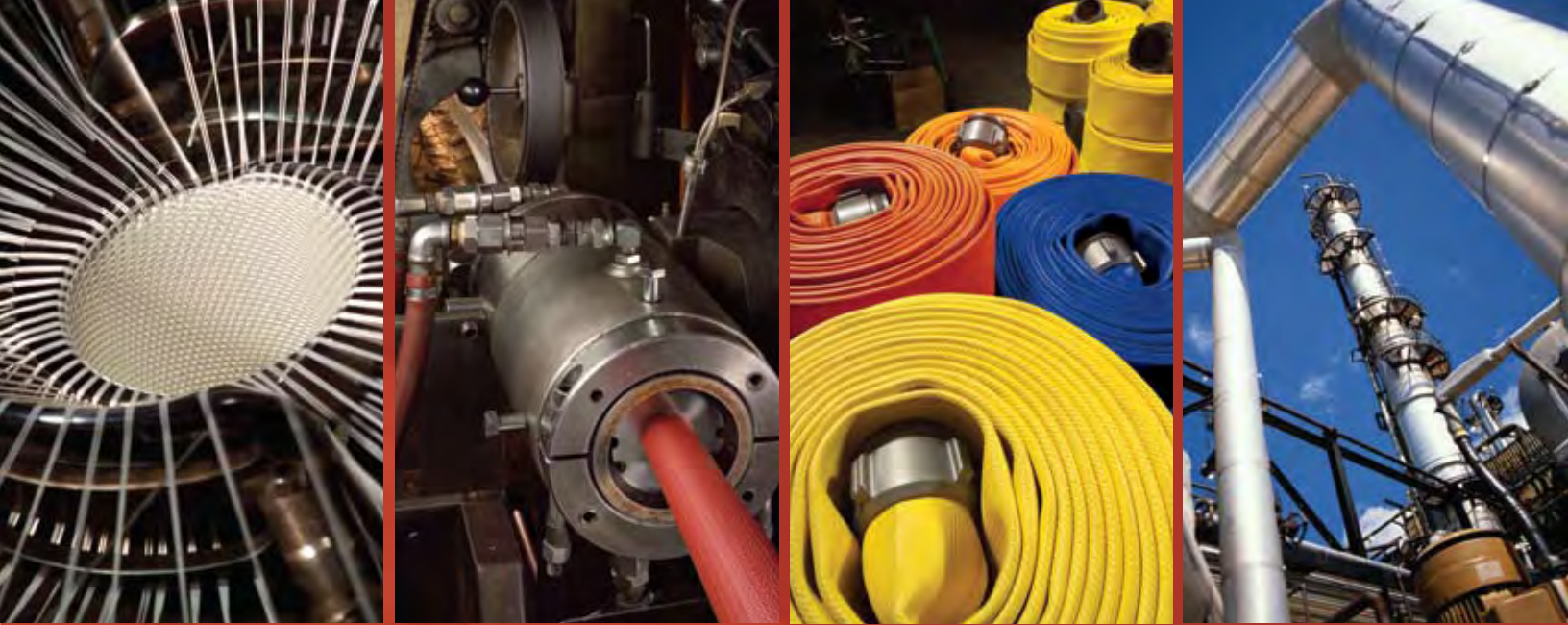
FRICTION LOSS CHARTS	M-25
----------------------	------

NFPA PRESSURE RATING DEFINITIONS	I-14
----------------------------------	------

WARRANTY INFORMATION	I-14
----------------------	------



[www.Snap-titeHose.com](http://www.Snap-titeHose.com)



# Why Choose Snap-tite?

"A world class tradition of quality since 1935" is more than just a slogan at Snap-tite; it is a defining philosophy. Since inception, Snap-tite has grown to become an international company recognized as a leader and innovator in many fields.

During the late 1960's Snap-tite entered the layflat hose market and is credited with bringing the concept of large diameter supply hose for general use throughout North America. Moving water efficiently within variable environmental conditions has made Snap-tite Hose a leader in many markets. During the late 80's and early 90's, Snap-tite acquired the Ponn Fire Hose and National Fire Hose companies to complete an expansion plan that now makes Snap-tite one of the largest global fire hose manufacturers.

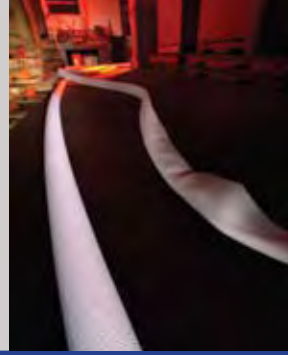
Snap-tite is a third-generation privately owned and operated company and has grown to become a world leader in the manufacture of layflat hose for all types of municipal, forestry, and industrial firefighting as well as industrial hose for agricultural, irrigation, construction, military, mining, and petrochemical applications. Meeting the requirements of the markets that we serve, certifying all of our facilities to ISO 9001:2000 quality standards and listening to our highly trained regional stocking distributors has made Snap-tite Hose the best choice in the world.

You can't choose the right hose if you don't have a choice...



*Snap-tite's Corporate Office and one of six manufacturing facilities centrally located near Erie, Pennsylvania, USA.*

# 8D - Type 8D



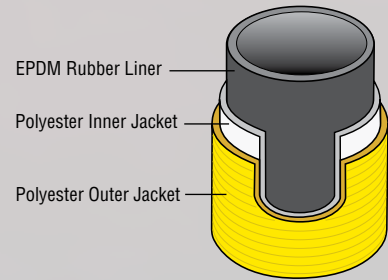
## Polyester Double Jacket Hose

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  W = White (Uncoated)	10 = 1" 15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" T = Tan	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" 15 = 1-1/2" 17 = 1-3/4" 25 = 2-1/2" 30 = 3" 40 = 4" 60 = 6"	50 = 50' 100 = 100'	Y = Yellow R = Red W = White (Uncoated)	10 = 1" 15 = 1-3/4" 25 = 2-1/2" 30 = 3" 40 = 4" 60 = 6"	N = NH I = IPT	Blank= Aluminum BR= Brass Rocker Lug BP= Brass Pin Lug	UL=UL Labeled UC=ULC (UL Canada) Labeled FM=Factory Mutual

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:

Optional 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

# 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	15X50		W	15	N	
TYPE	HOSE I.D.	X HOSE LENGTH	COLOR	COUPLING SIZE	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:

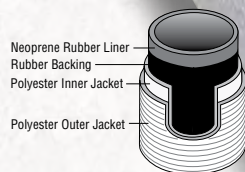
Aluminum or Brass NH/NST  
or IPT Threaded

### Approvals:

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

### Hose Colors:

UNCOATED



SIZE	SERVICE TEST PSI (kPa)	PROOF TEST PSI (kPa)	BURST PSI (kPa)	WEIGHT (for 50' coupled) LBS (KG)	BOWL SIZE 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

# 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)

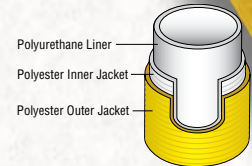
### Coupling:

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

# Mill Discharge - Type 2P

## Polyester Single Jacket Hose

### Performance Features:

National 2P is an economical single jacket mill discharge hose made from high strength polyester along with an EPDM rubber liner. More durable than lightweight PVC hose and can be used in applications ranging from de-watering to basic fluid transfer. 2P hose is meant for applications not to exceed 100 psi (690 kPa) operating pressures. 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

2P TYPE	20X50 HOSE I.D. x HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	Blank COUPLING MATERIAL
2P	15 = 1-1/2" 20 = 2" 25 = 2-1/2"	W=White (Uncoated)	15 = 1-1/2" 20 = 2" 25 = 2-1/2"	N = NH I = IPT	Blank = Aluminum

Part Number Example: **2P20X50W15N** = 2P Mill Discharge Hose, 2" ID by 50' Length, White, 1-1/2" Aluminum NH/NST Threaded Coupling

### Construction:

Polyester Single Jacket  
EPDM Rubber Inner Liner

### Temperature Range:

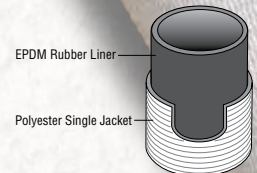
-40° to 150°F (-40° to 65°C)

### Coupling:

Aluminum NH/NST or IPT Threaded

### Hose Colors:

UNCOATED



SIZE	MAXIMUM OPERATING PRESSURE	BURST	WEIGHT (for 50' coupled)	BOWL SIZE
	PSI (kPa)	PSI (kPa)	LBS (KG)	IN
1-1/2"	100 (690)	375 (2585)	8 (3.6)	1-3/4
2"	100 (690)	375 (2585)	13 (5.8)	2-5/16
2-1/2"	100 (690)	375 (2585)	17 (7.7)	2-13/16



# 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> TYPE	<b>20X50</b> HOSE I.D. x HOSE LENGTH	<b>W</b> COLOR	<b>15</b> COUPLING SIZE	<b>N</b> THREAD TYPE	<b>COUPLING MATERIAL</b>
3P	15 = 1-1/2" 20 = 2" 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:

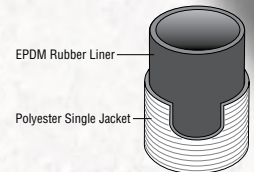
-40° to 150°F (-40° to 65°C)

### 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> TYPE	<b>20X50</b> HOSE I.D. x HOSE LENGTH	<b>W</b> COLOR	<b>15</b> COUPLING SIZE	<b>N</b> THREAD TYPE	<b>BR</b> COUPLING MATERIAL	<b>OPTIONS</b>
5P	15 = 1-1/2" 20 = 2" 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" 15 = 1-1/2" 20 = 2" 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

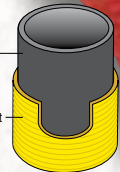
### Approvals:

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

### Hose Colors:



APPROVED



EPDM Rubber Liner

Polyester Single Jacket

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

# 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	15X50	W	15	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	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

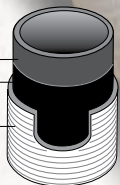
### Hose Colors:

UNCOATED

Neoprene Rubber Liner

Rubber Backing

Polyester Single Jacket



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

# High Temp - Type 2H

## Cotton Single Jacket Hose

### Performance Features:

Cotton inherently has a higher heat resistance than synthetics and when combined with the clear mildew treatment our 2H hose has been designed to handle many of the high ambient temperature conditions found in today's industrial applications. 2H utilizes an EPDM rubber liner that resists ozone and many acids, alkalis and chemicals. This hose has a maximum operating pressure of 225 psi (1550 kPa).

### Construction:

Cotton Single Jacket  
EPDM Rubber Inner Liner  
with Rubber Backing

### Coating:

Mildew Treated

### Temperature Range:

-40° to 225°F Continual  
(-40° to 110°C)

### Coupling:

Aluminum NH/NST or  
IPT Threaded

### Hose Colors:

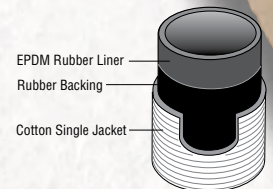
### How to Order

2H TYPE	10X50 HOSE I.D. x HOSE LENGTH	WM COLOR	10 COUPLING SIZE	N THREAD TYPE	COUPLING MATERIAL
2H	10 = 1" / 50 = 50' / 100 = 100'	WM = White (Mildew Treated)	10 = 1"	N = NH / I = IPT	Blank = Aluminum

Part Number Example: **2H10X50WM10N** = 2H Hose, 1" ID by 50' Length, White/Mildew, 1" Aluminum NH/NST Threaded Coupling

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)	750 (5170)	9	(4.1)	1-5/32

Operating Pressure not to Exceed 90% of Service Test Pressure



# High Temp - Type 3H

## Kevlar/Nomex™ Single Jacket Hose

### Performance Features:

National 3H high temperature hose is the ultimate for high heat protection as its outer jacket is made of DuPont's Kevlar/Nomex™ fiber. 3H exceeds all known standards for heat resistance and is so durable, it's virtually indestructible.

No other jacketed hose can prevent hose failure due to flame exposure like 3H. It even resists ozone and mildew and requires no drying. Superior cut and abrasion resistance enhances its outstanding durability - Certainly the perfect hose for industrial firefighting. 3H has a maximum operating pressure of 225 psi (1550 kPa).

Kevlar/Nomex is a registered Trademark of the DuPont Company

### Construction:

Kevlar/Nomex™ Jacket  
EPDM Rubber Inner Liner  
with Rubber Backing

### Temperature Range:

Intermittent -40° to 300°F  
(-40° to 150°C)  
Continual 225°F (110°C)

### Coupling:

Aluminum or Brass NH/NST  
or IPT Threaded

### Hose Colors:

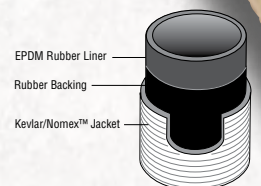
### How to Order

3H TYPE	17X100 HOSE I.D. x HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	COUPLING MATERIAL
3H	10 = 1" (50' only) / 17 = 1-3/4" (100' only)	W = White (Uncoated)	10 = 1" / 15 = 1-1/2"	N = NH / I = IPT	Blank = Aluminum BR = Brass Rocker Lug (1-3/4" only)

Part Number Example: **3H17X100W15N** = 3H Hose, 1-3/4" ID by 100' Length, White, 1-1/2" Aluminum NH/NST Threaded Coupling

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)	750 (5170)	9	(4.1)	1-5/32
1-3/4"	250 (1725)	500 (3450)	750 (5170)	13	(5.9)	1-15/16

Operating Pressure not to Exceed 90% of Service Test Pressure



# TPX - Type TPX



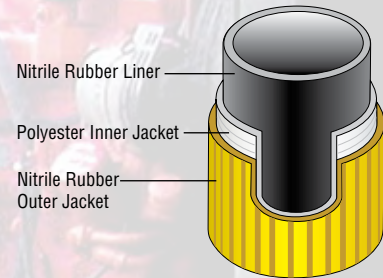
**Snap-tite**

## 3-Ply Nitrile Rubber Hose

Traditionally manufactured extruded hose can vary in thickness, becoming bulky and heavy. Snap-tite 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. Snap-tite's 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.
- Snap-tite 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.	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"	50 = 50' 100 = 100'	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 Rubber Hose

### Performance Features:

Snap-tite 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 and abrasion while resisting many chemicals and most petroleum products. Extruded thru-the-weave also means that no adhesives are used, therefore no delamination.

### How to Order

<b>HFX</b>	<b>40X50</b>	<b>Y</b>	<b>40</b>	<b>S</b>		
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 O = Orange K = Black	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 BR=Brass Pin Lug	UL= Labeled UC=UL Canada Labeled

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

### Construction:

Nitrile Rubber Cover & Liner, Polyester/Nylon Reinforcement

### Temperature Range:

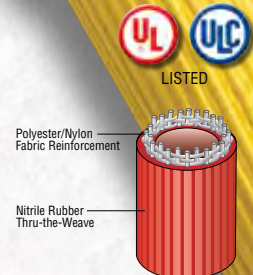
-5° to 200°F (-20° to 95°C)

### Coupling:

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

**Approvals:** Most sizes UL and ULC (UL Canada) listed. (See chart below for sizes)

### 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)	1-3/16	
1-1/2"	300 (2070)	600 (4140)	900 (6200)	13 (5.9)	1-13/16	UL, UC
1-3/4"	300 (2070)	600 (4140)	900 (6200)	17 (7.7)	2-1/16	UL, UC
2"	300 (2070)	600 (4140)	900 (6200)	18 (8.1)	2-5/16	UL
2-1/2"	300 (2070)	600 (4140)	900 (6200)	26 (11.8)	2-13/16	UL, UC
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, UC
5"	200 (1380)	400 (2760)	600 (4140)	53 (24)	5-5/16	UL, UC
6"	150 (1035)	300 (2070)	500 (3450)	67 (30.4)	6-5/16	

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, Snap-tite 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

<b>ATX</b>	<b>40X50</b>	<b>Y</b>	<b>40</b>	<b>S</b>		
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	
ATX	40 = 4" 50 = 5" 100 = 100'	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

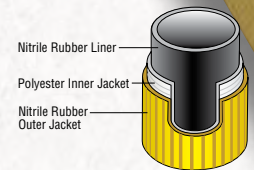
### Temperature Range:

-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

# LD - Type LD

## Lightweight Extruded Rubber Hose

### Performance Features

Snap-tite 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"      50 = 50' 15 = 1-1/2"      100 = 100' 17 = 1-3/4" 20 = 2" 25 = 2-1/2"	Y = Yellow R = Red K = Black 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)

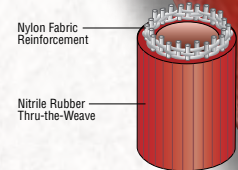
### Coupling:

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

# TE - Type TE



★ Snap-tite

## Extruded Polyurethane Hose

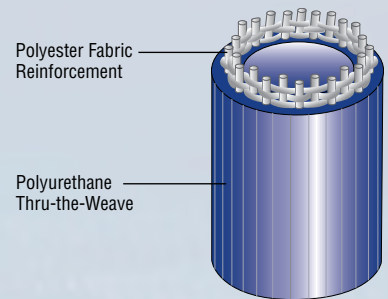
The emerging need for better, more efficient water systems in today's developing world demands practical answers from suppliers of water-related products. Snap-tite Hose, a leading manufacturer of lightweight, flexible hose, can help...whether the need is for the delivery of drinking water or even as an emergency replacement to broken hydrant lines or water mains in a disaster. Snap-tite's TE hose is offered in diameters up to 6 inches (150mm), in typical coupled lengths of 50' or 100' or in single lengths to 660 feet (200 meters). The hose is manufactured of circular woven polyester fabric completely encapsulated by polyurethane elastomer that is forced through-the-weave.

Snap-tite TE hose is compact and weather, abrasion and crack resistant. Capable of operating pressures up to 225 psi (1550 kPa) (not all sizes), TE is also made of NSF Standard 61 approved materials and can be used for potable water.

If you have water to move, Snap-tite has the product to move it.

### 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" only) or aluminum or brass NST/IPT threaded couplings (to 3" I.D. only).
- Snap-tite TE is manufactured within our ISO-9001 certified quality assurance system.



### 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

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

### Hose Colors:



### 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" 17 = 1-3/4" 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)



POTABLE

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

Victaulic is a registered trademark of the Victaulic Company

## 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.



[www.Snap-titeHose.com](http://www.Snap-titeHose.com)

### LIMITED WARRANTY

Snap-tite warrants that it will replace defective products sold provided:

- A. Customer notifies Snap-tite of any claims of defects in materials or workmanship within one year after receipt of shipment.
- B. Return of goods is authorized by Snap-tite and then returned to the factory within 15 days after said authorization, transportation charges pre-paid; and
- C. Products or parts are found to be defective in materials and workmanship upon examination by Snap-tite.

Products shall not be considered as defective or nonconforming if they substantially fulfill performance requirements and are manufactured in accordance with Snap-tite's specifications. This warranty will not extend to goods which have been subject to misuse, neglect, accident or improper installation, misapplication under conditions not expressly made specifically known to nor approved by Snap-tite in advance of shipment or which have been repaired or altered outside our factory. Snap-tite's liability shall be limited to replacement or repair of Snap-tite'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 Snap-tite, Inc., 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 Snap-tite, Inc. and its subsidiaries at any time without notice.*



217 Titusville Road  
Union City, Pennsylvania 16438-8698 USA  
PH: 814-438-7616 FAX: 814-438-8163  
e-mail: [hose\\_sales@snap-tite.com](mailto:hose_sales@snap-tite.com)



Industrial Estate  
Whitemill - Wexford  
Republic of Ireland  
PH: 353 53 914 1566 FAX: 353 53 914 1582  
e-mail: [ste\\_sales@snap-tite.com](mailto:ste_sales@snap-tite.com)

**ISO-9001 Certified**