

FLIP-OVER
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the MUNICIPAL HOSE Guide



Industrial Hose Guide



 **Snap-Tite**
HOSE, INC.

Industrial Hose Guide

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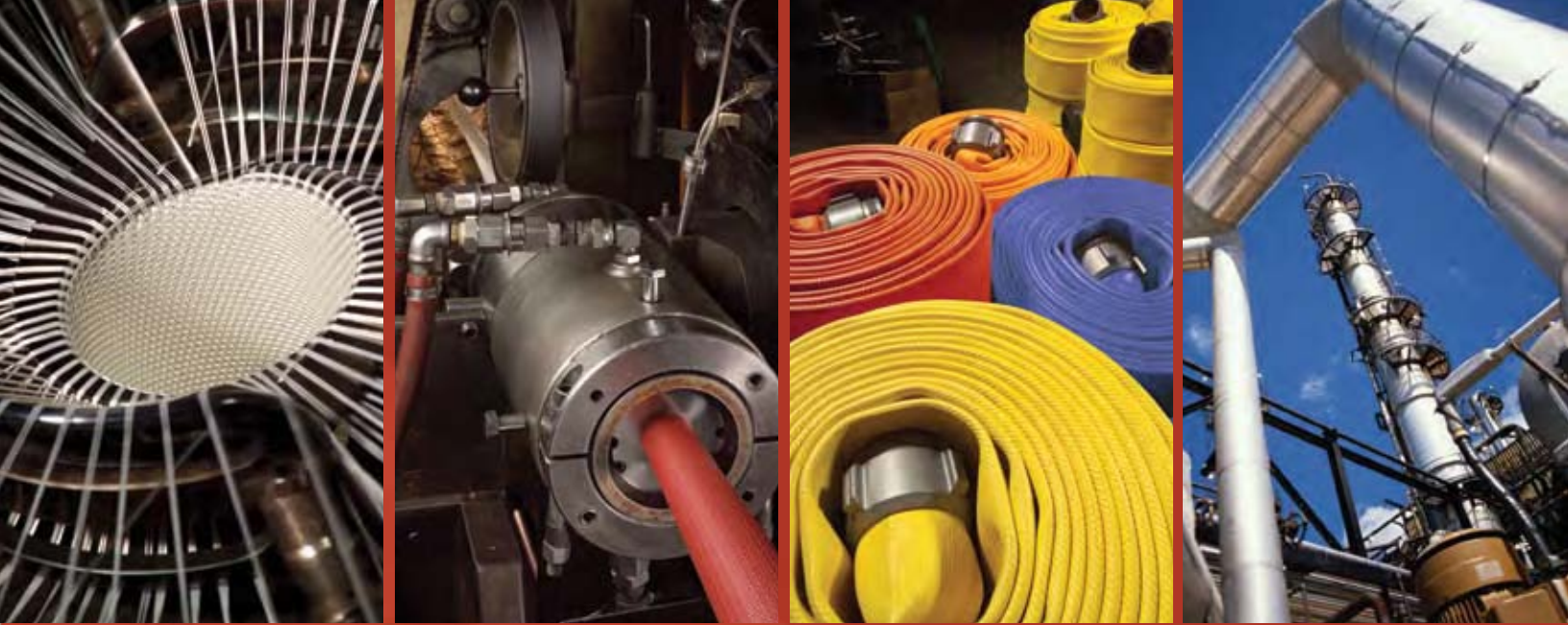
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www.Snap-titeHose.com



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 into 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.

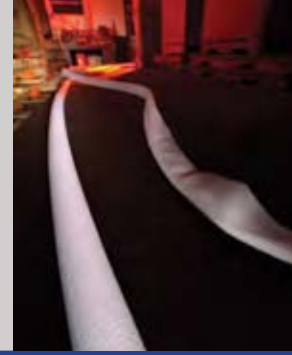
Snap-tite is a third-generation privately owned and operated company and has grown to become a world leader in the manufacture of layflat hose for all types of municipal, forest, and industrial firefighting as well as industrial hose for agricultural, irrigation, construction, military, mining, and petrochemical applications. Meeting the requirements of the markets that we do business in, 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.

8D - Type 8D



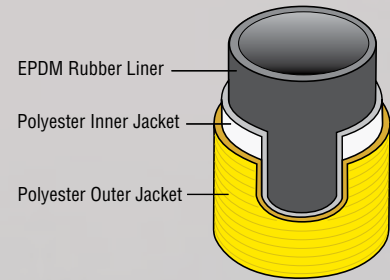
Polyester Double Jacket Hose

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: 2000 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:



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 ³	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

Operating Pressure not to Exceed 90% of Service Test Pressure

How to Order

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

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 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 Listed 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"-FM Approved

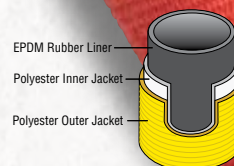
Hose Colors:



APPROVED



LISTED



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

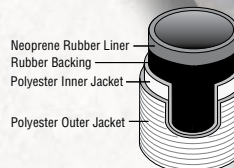
Coupling:

Aluminum or Brass NH/NST
or IPT Threaded

Approvals:

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

Hose Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT		BOWL SIZE
	PSI (kPa)	PSI (kPa)		(for 50' coupled)	LBS	
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	17X50	Y	15	N	<input type="checkbox"/>
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
8T	15 = 1-1/2" 17 = 1-3/4" 25 = 2-1/2" 30 = 3"	50 = 50' 100 = 100'	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

Construction:

Polyester Double Jacket
Polyurethane Inner Liner

Coating:

Optional DuraCote™

Temperature Range:

-40° to 150°F (-40° to 65°C)

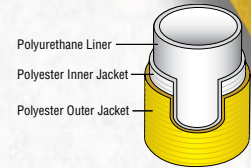
Coupling:

Aluminum NH/NST or
IPT Threaded

Hose Colors:



POTABLE



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (for 50' coupled)		BOWL SIZE
	PSI (kPa)	PSI (kPa)		LBS	KG	
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	20X50	W	15	N	<input type="checkbox"/>
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
2P	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 60 = 6"	50 = 50' 100 = 100'	W=White (Uncoated)	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4"	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

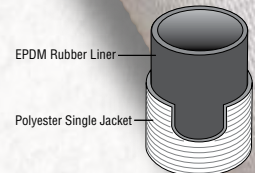
Temperature Range:

-40° to 150°F (-40° to 65°C)

Coupling:

Aluminum NH/NST or
IPT Threaded

Hose Colors:



SIZE	MAX. OPERATING PRESSURE	BURST	WEIGHT (for 50' coupled)		BOWL SIZE
	PSI (kPa)		PSI (kPa)	LBS	
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
3"	100 (690)	375 (2585)	22	9.8	3-3/8
4"	100 (690)	375 (2585)	29	17.7	4-9/32
6"	100 (690)	375 (2585)	62	28.1	6-3/8

Operating Pressure not to Exceed 90% of Service Test Pressure

Low Pressure - Type 3P

Polyester Single Jacket Hose

Performance Features:

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

How to Order

3P TYPE	20X50 HOSE I.D. x HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	COUPLING MATERIAL
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

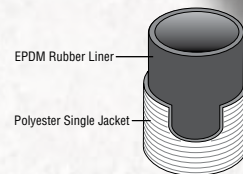
Temperature Range:

-40° to 150°F (-40° to 65°C)

Coupling:

Aluminum or Brass NH/NST
or IPT Threaded

Hose Colors:



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

5P TYPE	20X50 HOSE I.D. x HOSE LENGTH	W COLOR	15 COUPLING SIZE	N THREAD TYPE	BR COUPLING MATERIAL	OPTIONS
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

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:



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"	50 = 50' 100 = 100'	Y = Yellow R = Red W = White, (Uncoated)	10 = 1" 15 = 1-1/2" 20 = 2" 25 = 2-1/2"	N = NH I = IPT	Blank= FM=FM Labeled Aluminum BR= Brass Rocker Lug BP=Brass Pin Lug

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)		LBS	KG		
1"	300 (2070)	600 (4140)	900 (6200)	8	3.6	1-5/32	
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 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 BP=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:

Neoprene Rubber Liner

Rubber Backing

Polyester Single Jacket

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

Temperature Range:

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

Coupling:

Aluminum NH/NST or
IPT Threaded

Hose Colors:

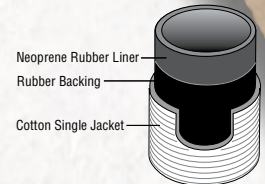
How to Order

2H	10X50	WM	10	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
2H	10 = 1" x 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

How to Order

3H	17X50	W	15	N	
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
3H	10 = 1" x 50 = 50' 17 = 1-3/4" x 100 = 100'	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: **3H17X50W15N** = 3H Hose, 1-3/4" ID by 50' Length, White, 1-1/2" Aluminum NH/NST Threaded Coupling

Construction:

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

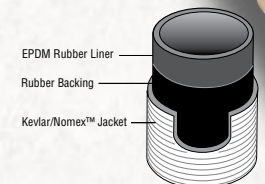
Temperature Range:

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:



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 (3540)	750 (5170)	13	5.9	1-15/16

Operating Pressure not to Exceed 90% of Service Test Pressure

TPX - Type TPX



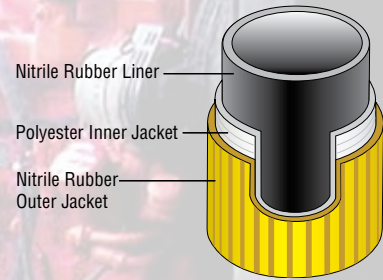
Snap-tite

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: 2000 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)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT ³	IN
1-1/2"	300 (2070)	600 (4140)	1000 (6900)	17 (8)	2.80	2.0	1-13/16
1-3/4"	300 (2070)	600 (4140)	1200 (8275)	19 (9)	3.25	2.5	2-1/16
2"	300 (2070)	600 (4140)	1200 (8275)	22 (10)	3.60	2.5	2-5/16
2-1/2"	300 (2070)	600 (4140)	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"	150 (1035)	300 (2070)	500 (3450)	70 (32)	9.90	12.5	6-5/16
8"	100 (690)	200 (1380)	400 (2760)	125 (57)	12.75	N/A	N/A

Operating Pressure not to Exceed 90% of Service Test Pressure

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" 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

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 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:

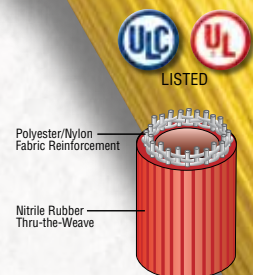
Aluminum or Brass NH/NST or IPT Threaded & Aluminum Storz options

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"	200 (1380)	400 (2760)	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

ATX	40X50	Y	40	S		
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	OPTIONS
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

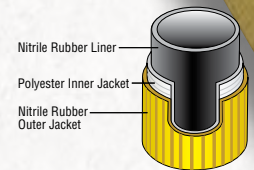
Temperature Range:

-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 polyester 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	17X50	R	15	N	BR
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
LD	10 = 1" x 50 = 50' 15 = 1-1/2" x 100 = 100' 17 = 1-3/4" x 100 = 100' 20 = 2" x 100 = 100' 25 = 2-1/2" x 100 = 100'	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)

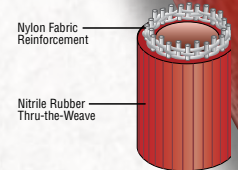
Coupling:

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

Approvals:

Kitemark License KM 60099 to BS-6391 Type 3, ABS Type Approval, Australian AS-5195 and AS-2792-H

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 ³	IN
1"	250 (1725)	500 (3450)	750 (5170)	8 (3.6)	1.75	1.0	1-3/16
1-1/2"	250 (1725)	500 (3450)	750 (5170)	10 (4.5)	2.50	1.5	1-13/16
1-3/4"	250 (1725)	500 (3450)	750 (5170)	13 (5.9)	2.90	2.0	2-1/16
2"	250 (1725)	500 (3450)	750 (5170)	15 (6.8)	3.30	2.0	2-3/16
2-1/2"	250 (1725)	500 (3450)	750 (5170)	19 (8.3)	4.10	2.5	2-13/16

Operating Pressure not to Exceed 90% of Service Test Pressure

XL - Type XL

Lightweight Extruded Rubber Hose

Performance Features

Snap-tite XL is our lightest weight nitrile rubber covered fire hose, manufactured using a unique process which permanently bonds the polyester reinforcement to the nitrile rubber cover/liner. XL is an easily coiled, non-kinking, high flow, lightweight hose that also resists abrasion, chemicals and weathering by ozone.

XL's unique extruded thru-the-weave construction provides a flexible, easy to maneuver hose that is easy to move and store. The interlocking matrix also means no adhesives are used, therefore no delamination.

How to Order

XL	17X50	O	15	N	BR
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
XL	15 = 1-1/2" x 50 = 50' 17 = 1-3/4" x 100 = 100' 25 = 2-1/2" x 100 = 100'	O = Orange	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= Gun metal (BW Thread only)

Part Number Example: **XL17X50O15NBR** = XL Hose, 1-3/4" ID by 50' Length, Orange, 1-1/2" Brass Rocker Lug - NH/NST Threaded Coupling

Construction:

Nitrile Rubber Cover & Liner w/Nylon Reinforcement

Temperature Range:

-5° to 200°F (-15° to 95°C)

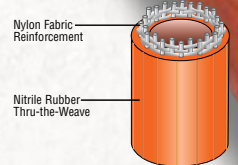
Coupling:

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

Approvals:

Manufactured to meet BS-6391 Type 2 specifications

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 ³	IN
1-1/2"	200 (1380)	400 (2760)	600 (4140)	9 (4.1)	2.50	1.5	1-13/16
1-3/4"	200 (1380)	400 (2760)	600 (4140)	11 (5)	2.90	2.0	2-1/16
2-1/2"	200 (1380)	400 (2760)	600 (4140)	15 (6.8)	4.10	2.5	2-13/16

Operating Pressure not to Exceed 90% of Service Test Pressure

TE - Type TE



★ Snap-tite

Extruded Polyurethane Hose

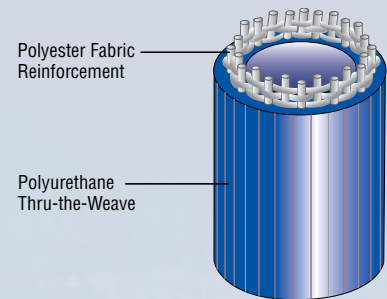
The emerging need for better, more efficient water systems in today's developing world demands practical answers from suppliers of water-related products. Snap-tite Hose, a leading manufacturer of lightweight, flexible hose, can help...whether the need is for the delivery of drinking water or even as 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-9001:2000 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)

Hose Colors:



POTABLE

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"	125 (860)	400 (2760)	83 (37.6)	6-5/16

How to Order

TE	20X50	K	15	N	BR	OPTIONS
TYPE	HOSE I.D. x HOSE LENGTH	COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL	
TE	15 = 1-1/2" 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 V = Victaulic (6" only)	Blank = Aluminum Rocker Lug BP = Brass Pin Lug	AS = Anti-Static Wire (2) in 1-1/2", 2", and 3" only (contact factory for extra cost) PW = Potable Water (this option can be added at NO additional cost)

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

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.



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ISO-9001:2000 Certified

03-1153BE-1206



Industrial Estate
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