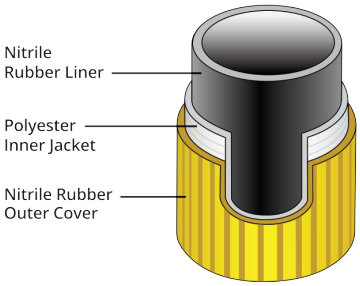
TPX™

UNIQUE 3-PLY CONSTRUCTION

Traditionally, manufactured extruded hose can vary in thickness, becoming bulky and heavy. TPX™ utilizes a 3-ply design where the ribbed cover and smooth nitrile liner are extruded independently. The cover is inserted inside the tight-weave reinforcement, vulcanized, and 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. The Snap-tite TPX™ is highly resistant to both conductive and radiant heat.

FEATURES

- 3-ply rubber municipal fire hose with both the cover and liner made of heavy duty nitrile rubber, high tensile strength tightly woven polyester reinforcement for maximum durability and flexibility.
- Smooth liner keeps friction loss to a minimum.
- Nitrile rubber cover greatly increases abrasion resistance, provides long service life and the tightly woven reinforcement resists puncture.
- Suitable for attack and soft sleeve suction applications.
- Remains flexible at temperatures as low as -40°F (-40°C) and is resistant to ozone, oxidation, and most chemicals and petrochemicals.
- Tighter weave allows more resistance to puncture while also being easier to pack and store.
- Lays flat and needs less hose bed space than typical extruded hose.
- Manufactured in accordance with NFPA 1960 Standard, latest edition within our ISO-9001:2015 certified quality assurance system.



HOSE COLORS

Yellow	Red	Orange	Black

ATTACK

USA MADE

LIFETIME DELAMINATION WARRANTY

1 YEAR WARRANTY

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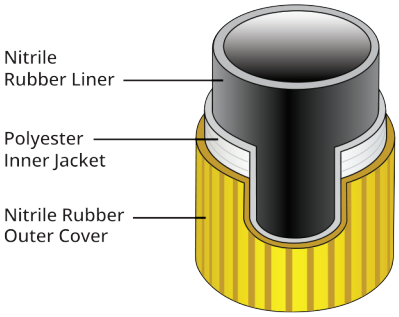

HOSE COLORS

Yellow | Red | Orange | Black

TECHNICAL DATA & INFORMATION	
Model	TPX™
Basic Construction	3-ply nitrile rubber cover/liner with polyester inner jacket.
Application	Attack
Colors:	Yellow, Red, Orange, Black
Temperature Range	-40° F - 200° F

TESTING PRESSURES			
Nominal Size	Working	Proof	Burst
1-1/2″			
1-3/4″	400 psi	800 psi	1200 psi
2″	400 psi	800 psi	1200 psi
2-1/2″	330 psi	660 psi	1000 psi
3″	300 psi	600 psi	900 psi

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TECHNICAL DATA & INFORMATION										
NOMINAL SIZE	INTERNAL/OUTSIDE DIAMETER				WEIGHT					
	Dry ID	Charged ID at 50 psi	Charged ID at 150 psi	Charged OD at 150 psi	Water Pickup Weight*	Dry (lbs./50′ coupled)	Charged at 50 psi (lbs./50′ coupled)	# of Gallons/50′	Charged at 150 psi (lbs./50′ coupled)	# of Gallons/50′
1-1/2″										
1-3/4″	1.9″	1.994	2.024	2.25	0 LBS	19	88	8.106	90	8.35
2″	2.111″	2.179	2.208	2.441	0 LBS	24	104	9.68	107	9.94
2-1/2″	2.631	2.704	2.726	3.0175	0 LBS	33	157	14.907	160	15.262
3″	3.14″	-	-	-	0 LBS	37	-	-	-	-

TECHNICAL DATA & INFORMATION					
NOMINAL SIZE	DOORWAY KINK	ABRASION RESISTANCE	PACKABILITY		
		# of Taber Abrasion Cycles (H-22 wheel)	Flat Width	Edge Thickness	180° Bend Thickness
1-1/2″					
1-3/4″	24″ / 50psi	8,500	2.99″	.469″	1.265″
2″	Available upon Request	7,800	3.42″	1.507″	2.044″
2-1/2″	30″ / 50psi	-	4.25″	.778″	1.297″
3″	Available upon Request	14,000	Available upon Request		

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TECHNICAL DATA & INFORMATION

NOMINAL SIZE	RADIANT HEAT TEST RESULTS					CONDUCTIVE HEAT TEST RESULTS				
	Radiant Heat Exposure	Exposure Duration*	Average Leakage Rate at 150 psi	Max Leakage Rate at 150 psi	UL 19 Heat Resistance Type	Conductive Heat Exposure	Exposure Duration*	Average Leakage Rate at 150 psi	Max Leakage Rate at 150 psi	UL 19 Heat Resistance Type
1-1/2″	30 kw/m2									-
1-3/4″	30 kw/m2	Available upon Request			-	Steel block at 752°F	Available upon Request			-
2″	30 kw/m2	Available upon Request			-	Steel block at 752°F	Available upon Request			-
2-1/2″	30 kw/m2	Available upon Request			-	Steel block at 752°F	Available upon Request			-
3″	30 kw/m2	Available upon Request			-	Steel block at 752°F	Available upon Request			-

**The results from the radiant heat test are based on controlled laboratory testing and do not represent actual conditions encountered during firefighting. These results are intended to be used as a baseline for hose comparison purposes only and are not indicative of specific field performance. Several factors can influence hose performance relative to radiant heat, please see Guidance for Lined Fire Hose and Hose Assemblies, UL 19G for further information on these results.*

**The results from the conductive heat test are based on controlled laboratory testing and do not represent actual conditions encountered during firefighting. These results are intended to be used as a baseline for hose comparison purposes only and are not indicative of specific field performance. Several factors can influence hose performance relative to conductive heat, please see Guidance for Lined Fire Hose and Hose Assemblies, UL 19G for further information on these results.*

**1-year warranty.*
**MIL Std 24606 used for water pickup weight.*
**Potable water approved: No*
**Quality Management System Certification: ISO 9001:2015 Registration # 11-R1045*