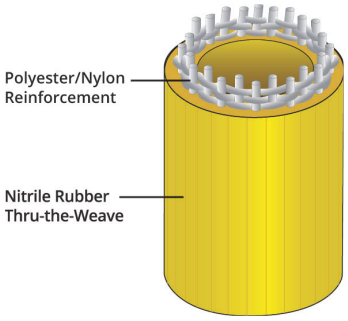
HFX™

EXTRUDED NITRILE RUBBER ATTACK HOSE

HFX™ is a nitrile thru-the-weave, rubber covered fire hose that utilizes polyester and nylon 6.6 yarn in the reinforcing jacket. Under pressure, the polyester keeps the hose from snaking, while the nylon allows for controlled dilation, reducing friction loss, and generating higher flow rates. Our special rubber compound provides a tough cover that resists heat, abrasion, snags, and hot embers. The interlocking matrix also means no adhesives are used and there is a permanent bond to all the warp and weft yarns. The Snap-tite HFX™ is highly resistant to both conductive and radiant heat.

FEATURES

- Extruded thru-the-weave, nitrile rubber fire hose. The reinforcement is made with a blend of circular woven, twill weave, polyester, and nylon fibers.
- The ribs on the cover surface greatly increase abrasion resistance and help provide a long service life.
- Remains flexible at temperatures as low as -40°F (-40°C) and is resistant to ozone, oxidation, and most chemicals and petrochemicals.
- Suitable for attack, soft sleeve suction, and relay applications.
- Unique extruded nitrile rubber thru-the-weave construction provides a flexible, easy to maneuver hose that is easy to pack.
- Manufactured in accordance with NFPA 1960 Standard, latest edition within our ISO-9001:2015 certified quality assurance system.



ATTACK

USA MADE

LIFETIME DELAMINATION WARRANTY

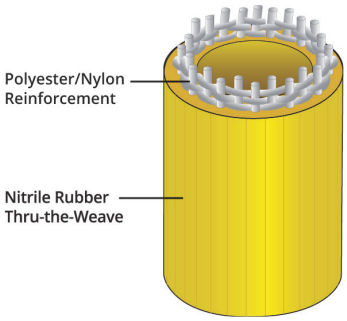
10 YEAR WARRANTY

HOSE COLORS

Yellow | Red

HFX™

EXTRUDED NITRILE RUBBER ATTACK HOSE



HOSE COLORS

Yellow Red

TECHNICAL DATA & INFORMATION	
Model	HFX™
Basic Construction	Nitrile rubber thru-the-weave with polyester and nylon reinforcing jacket.
Application	Attack
Colors:	Yellow, Red
Temperature Range	-40° F - 200° F
Testing Pressures:	
Service	300 psi
Proof	600 psi
Burst	900 psi

HFX™

EXTRUDED NITRILE RUBBER ATTACK HOSE

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″	1.085″	1.151	1.199	1.325	0 LBS	7	29	2.703	31	2.93
1-1/2″	1.600″	1.710	1.777	1.970	0 LBS	16	65	5.961	69	6.441
1-3/4″	1.937″	2.034	2.125	2.325	0 LBS	19	89	8.439	96	9.21
2″	2.103″	2.188	2.29	2.476	0 LBS	21	102	9.76	110	10.69
2-1/2″	2.655″	2.812	2.912	3.125	0.4 LBS	30	164	16.12	173	17.28
3″	3.145″	Not applicable per NFPA				34	Not applicable per NFPA			

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″	-	Available upon Request			
1-1/2″	24″ / 100psi	11,000	2.76″	.418″	.849″
1-3/4″	24″ / 106psi	24,800	3.27″	.587″	1.043″
2″	Available upon Request	8,500	3.42″	.824″	1.444″
2-1/2″	36″ / 50psi	19,600	4.21″	.640″	1.369″
3″	Available upon Request	14,000	5″	Available upon Request	

HFX™

EXTRUDED NITRILE RUBBER ATTACK HOSE

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″	30 kw/m2	Available upon Request			-	Steel block at 752°F	Available upon Request			-
1-1/2″	30 kw/m2	1 M / 32 S (Red) 3 M / 9 S (Yellow)	>20 GPM	>20 GPM	Type 3	Steel block at 752°F	5 M / 23 S	>20 GPM	>20 GPM	Type 3
1-3/4″	30 kw/m2	1 M / 40 S (Red) 2 M / 4 S (Yellow)	.92 GPM 1.5 GPM	1.70 GPM 11.45 GPM	Type 2	Steel block at 752°F	13 M / 23 S	.03 GPM	.10 GPM	Type 2
2″	30 kw/m2	Available upon Request			-	Steel block at 752°F	Available upon Request			-
2-1/2″	30 kw/m2	2 M / 22 S (Red) 3 M / 21 S (Yellow)	>20 GPM	>20 GPM	Type 3	Steel block at 752°F	7 M / 12 S	>20 GPM	>20 GPM	Type 3
3″	30 kw/m2	Available upon Request			N/A per NFPA	Steel block at 752°F	Available upon Request			N/A per NFPA

**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.*

**10-year warranty.*
**MIL Std 24606 used for water pickup weight.*
**1-1/2″, 1-3/4″, and 2-1/2″ are UL/ULC Certified.*
**2″ is ULC only.*
**Potable water approved: No*
**Quality Management System Certification: ISO 9001:2015 Registration # 11-R1045*