



**Snap-tite**  
HOSE™

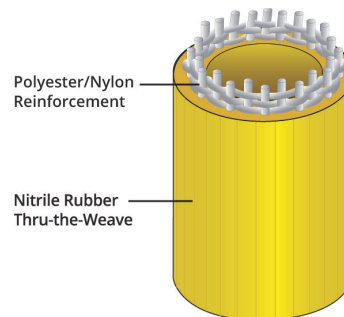
**HFX™**

**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.



## HOSE COLORS



**Snap-tite**  
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Snap-titehose.com | 814.438.7616

# HFX™

## EXTRUDED NITRILE RUBBER ATTACK HOSE



### HOSE COLORS



| 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  |

## 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"                    | -                    | -                     | -                     | -                    | 34                     | -                                    | -                | -                                     | -                |

| TECHNICAL DATA & INFORMATION |                        |                        |   |                        |                |
|------------------------------|------------------------|------------------------|---|------------------------|----------------|
| NOMINAL SIZE                 | DOORWAY KINK           | ABRASION RESISTANCE    | PACKABILITY                             |                        |                |
|                              |                        |                        | # of Taber Abrasion Cycles (H-22 wheel) | Flat Width             | Edge 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 |                |

## 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)<br>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)<br>2 M / 4 S (Yellow)  | .92 GPM<br>1.5 GPM              | 1.70 GPM<br>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)<br>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                  |                                 |                             | -                          | 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.

\*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

\*Potable water approved: No

\*Quality Management System Certification: ISO 9001:2015 Registration # 11-R1045