THIS IS KEY

MUNICIPAL HOSE PRODUCTS
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To obtain the highest levels of performance in the multitude of environments that firefighters encounter, modern day hose and nozzle offerings must be properly matched to create a viable water delivery system. So, how will you make the attack? How will you get the “wet” stuff on the “red” stuff? It’s not a surround-and-drown, you must make an advance. Will the supply line provide a dependable flow of water? Will your attack line be reliable and maneuverable to complete a successful attack?

Quality, dependability and reliability.

We are dedicated to the manufacture and delivery of the highest quality fire hose products, combining the best in raw materials with expert craftsmanship.

With over three decades of service, Key Fire Hose is the industry leader in the design and manufacture of woven jacketed and rubber covered fire hose products. In striving to become the “best hose company in the world,” we’ve grown from our original 16 looms to reach triple-digit loom capacity with multiple facilities proudly based and manufacturing in southeast Alabama.

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At Key, we have continually improved every process and product we offer to better serve firefighters here and abroad. Our unique weaving techniques for jacketed hose reduce friction loss 20% to 50% while innovative yarn combinations result in jackets that are 25% lighter and up to 25% stronger.

THE BEST IN FIRE HOSE MANUFACTURING WORLDWIDE

THE FIRE HOSE EXPERTS

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**Combat Ready**

Combat Ready is the double jacket attack line engineered from the inside out — delivering all higher flows, superior heat and abrasion resistance and increased durability. Combat Ready combines ring spun polyester staple fibers over an inner lining consisting of a one-piece extruded through the weave nitrile/PVC tube — making the tube, jacket liner and cover one complete assembly. This legendary through-the-weave design reduces friction loss while providing unmatched kink resistance.

**The Best Attack Hose, Guaranteed**

Designed for low pressure high volume nozzles, Combat Ready offers high flow capabilities to combat the most aggressive attack situations. The outer jacket is available with double dip “Key Lok” polyurethane based polymer impregnation for enhanced abrasion and moisture resistance. Features a 10-year warranty, which includes a 1-year warranty on wear and tear.

**Double Jacket Attack Hose**

Combat Ready shall be “doubled ringed” with extruded aluminum 6061-T6 USA manufactured couplings. Knurled couplings, 2” x 2 1/2” and other custom features available upon special request. Barcode recess available at additional charge.

**Diameter** | **Part No.** | **Service Test** | **Proof Test** | **Coefficient of Flow** | **Bowl Size** | **Weight Uncoupled** | **Weight Coupled** | **Coefficient of Flow**
---|---|---|---|---|---|---|---|---
1 1/4” | DP17-1000 | 500 psi | 1000 psi | 6.59 | 2 1/4” | 0.38 lbs/ft | 0.38 lbs/ft | 4.13
2” | DP20-1000 | 500 psi | 1000 psi | 1.67 | 3” | 0.44 lbs/ft | 0.44 lbs/ft | 5.02 lbs/ft
2 1/2” | DP25-1000 | 500 psi | 1000 psi | 1.8 | 3” | 0.52 lbs/ft | 0.52 lbs/ft | 5.02 lbs/ft

*Coefficient of flow of 4.13 is attained when using 2" coupling. The 1 1/2” coupling option has a 2.0 coefficient of flow.*

**NFPA colors available**

- Clear
- Blue
- Black
- Red
- Green
- Tan
- M1A colors available
OUR UNIQUE 2.25" TRU-ID IS THE FIRST NEW DIAMETER ATTACK HOSE TO BE OFFERED IN DECADES. BORN OUT OF THE CHALLENGES FACED BY TODAY’S PROGRESSIVE FIREFIGHTING COMMUNITY, TRU-ID 225 IS IDEALLY SUITED FOR HIGH-RISE APPLICATIONS AND LARGE CALIBER ATTACK LINE OPERATIONS. WHEN CHARGED, EACH 50’ LENGTH OF TRU-ID 225 ELIMINATES OVER 20 POUNDS OF WEIGHT CLEARLY OUTPERFORMING TRADITIONAL 2½” ATTACH LINES. TRU-ID 225 FEATURES A SMALLER OUTSIDE DIAMETER FOR A MORE ERGONOMIC GRIP TO EASILY MANEUVER AND GUIDE THE HOSE. A ROBUST TRADITIONAL CONSTRUCTION WITH TRU-TUNED DIAMETER IS GUARANTEED TO WASH OUT KINKS AND DELIVER TARGETED FLOW RATES WHILE PROVIDING THE OPERATOR INCREASED MOBILITY WITH LESS FATIGUE, EVERY TIME.

On the outside, our premium double jacket construction enhances flexibility while offering higher abrasion and puncture resistance for maximum dependability on scene. TRU-ID comes standard with lightweight, laser engraved, extruded aluminum alloy couplings. These anodized, threaded expansion ring couplings are guaranteed for the life of the hose. The laser-engraved TRU-ID logo is your assurance of genuine TRU-ID technology. Biscuit recess available at additional charge.

Classic performance in an innovative design and rugged construction guaranteed to withstand the rigors of the fire ground for years to come. Seize the power of targeted flows with command and control performance, specify TRU-ID.

TRU-ID sets new standards for an ergonomic, higher quality, double-jacketed fire hose. At the core of TRU-ID is an exclusive “true internal diameter” of 1.75", 2.25" or 2.50". Manufactured to precision, this technology greatly lowers the overall hose weight by eliminating additional water found in oversized attack lines — thus reducing firefighter fatigue. Virtually kink resistant, TRU-ID handles are designed for use with low pressure/high volume nozzles built to reduce hose whip and optimize friction losses, all while delivering targeted flow rates, guaranteed.

FOR COMMAND AND CONTROL

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Pressure Test</th>
<th>Ungassed Weight</th>
<th>Gassed Weight</th>
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<tr>
<td>1.75&quot;</td>
<td>400 psi</td>
<td>0.44 lbs/ft</td>
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<tr>
<td>2.25&quot;</td>
<td>400 psi</td>
<td>0.56 lbs/ft</td>
<td></td>
</tr>
<tr>
<td>2.50&quot;</td>
<td>400 psi</td>
<td>0.56 lbs/ft</td>
<td></td>
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Targeted Flow Rates: 125-185 gpm (1.75"") 240-265 gpm (2.25") // 200-325 gpm (2.50"").
The standard in double jacket construction, combining 100% premium ring spun and filament polyester fibers over a heavy wall, ozone-resistant, EPDM rubber liner. The outer jacket is mildew resistant and available with our iconic “Key-Lok” polyurethane based polymer impregnation for maximum abrasion and moisture resistance. Rugged, easy to handle and preferred by metro cities across the U.S. and Canada — available in exclusive FDNY Spec with 1.88” inside diameter and Key-Lok construction.

HEAVY DUTY RUBBER LINED FIRE HOSE

Big-10 can be coupled with 6061-T6 extruded aluminum threaded couplings or forged Storz. Special threads or other custom features available upon request. Barcode recess available at additional charge.

FOR SUPPLY AND ATTACK SITUATIONS

This reliable, double jacket fire hose is UL Listed*, tested to 600 and 800 psi and meets MIL-H-24606 latest edition for abrasion resistance. Features a 10-year warranty and lifetime liner delamination guarantee.

Diameter Part No. Service Test Proof Test Burst Bowl Size Weight Uncoupled 11/2" DP15-800 400 psi 800 psi 1200 psi 1 11/16" 0.34 lbs/ft 13/4" DP17-800 400 psi 800 psi 1200 psi 2 21/8" 0.38 lbs/ft 13/4" FD N YDP18-800-FDNY 400 psi 800 psi 1200 psi 2 21/4" 0.42 lbs/ft *21/2" DP25-800 400 psi 800 psi 1200 psi 3 3" 0.54 lbs/ft *3" DP30-800 400 psi 800 psi 1200 psi 3 31/2" 0.74 lbs/ft *31/2" DP35-600 300 psi 600 psi 900 psi 4 41/2" 0.90 lbs/ft

*UL Listed

8 keyhose.com 800.447.5666

Clear Coat Clear Coat Clear Coat Clear Coat

Red Red Red Red

Yellow Yellow Yellow Yellow

Black Black Black Black

Tan Tan Tan Tan

MFA colors available

800.447.5666

Remote Fire Fighting System (FDS) for Attack Situations
**Eco-10**

Diameter | Part No. | Service Test | Proof Test | Burst Test | Bowl Size | Weight
---|---|---|---|---|---|---
1" | DP10-800 | 400 psi 800 psi 1200 psi | 13/8" | 0.14 lbs/ft
1 1/2" | DP15-800-ECO | 400 psi 800 psi 1200 psi | 11 15/16" | 0.23 lbs/ft
2" | DP20-800 | 400 psi 800 psi 1200 psi | 21/16" | 0.28 lbs/ft
3" | DP30-800-ECO | 400 psi 800 psi 1200 psi | 3" | 0.42 lbs/ft
4" | DP40-600 | 300 psi 600 psi 900 psi | 41/2" | 0.82 lbs/ft
5" | DP50-600 | 300 psi 600 psi 900 psi | 51/2" | 0.93 lbs/ft

**UL Listed to 400 psi**

**UL Listed to 400 psi and FM Approved**

This reliable, double jacket fire hose with Key-Lok treatment is tested to 600 and 800 psi, meets MIL-H-24606 latest edition for abrasion resistance and is UL Listed*. Features a 10-year warranty and lifetime liner delamination guarantee.

**FOR SUPPLY AND ATTACK SITUATIONS**

Lightweight, double jacket construction, combining 100% premium ring spun staple and filament polyester fibers over a thin wall, high tenacity, EPDM rubber liner. The outer jacket is mildew resistant and available with double dip “Key-Lok” polyurethane based polymer impregnation for abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while engineered yarn selections lighten the hose up to 25% compared to competitive offerings.

**Eco-10 can be coupled with 6061-T6 extruded aluminum threaded couplings or forged Storz Brass, special threads or other custom features available upon request. Barcode recess available at additional charge.**

Lightweight, double jacket rubber lined hose connecting 100% premium ring spun staple and filament polyester fibers over a thin wall, high tenacity, EPDM rubber liner. The outer jacket is mildew resistant and available with double dip “Key-Lok” polyurethane based polymer impregnation for abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while engineered yarn selections lighten the hose up to 25% compared to competitive offerings.

This reliable, double jacket fire hose with Key-Lok treatment is tested to 600 and 800 psi, meets MIL-H-24606 latest edition for abrasion resistance and is UL Listed*. Features a 10-year warranty and lifetime liner delamination guarantee.

**FOR SUPPLY AND ATTACK SITUATIONS**

Lightweight, double jacket construction, combining 100% premium ring spun staple and filament polyester fibers over a thin wall, high tenacity, EPDM rubber liner. The outer jacket is mildew resistant and available with double dip “Key-Lok” polyurethane based polymer impregnation for abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while engineered yarn selections lighten the hose up to 25% compared to competitive offerings.

**Eco-10 can be coupled with 6061-T6 extruded aluminum threaded couplings or forged Storz Brass, special threads or other custom features available upon request. Barcode recess available at additional charge.**

**FOR SUPPLY AND ATTACK SITUATIONS**

Lightweight, double jacket construction, combining 100% premium ring spun staple and filament polyester fibers over a thin wall, high tenacity, EPDM rubber liner. The outer jacket is mildew resistant and available with double dip “Key-Lok” polyurethane based polymer impregnation for abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while engineered yarn selections lighten the hose up to 25% compared to competitive offerings.

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**FOR SUPPLY AND ATTACK SITUATIONS**

Lightweight, double jacket construction, combining 100% premium ring spun staple and filament polyester fibers over a thin wall, high tenacity, EPDM rubber liner. The outer jacket is mildew resistant and available with double dip “Key-Lok” polyurethane based polymer impregnation for abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while engineered yarn selections lighten the hose up to 25% compared to competitive offerings.

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**FOR SUPPLY AND ATTACK SITUATIONS**

Lightweight, double jacket construction, combining 100% premium ring spun staple and filament polyester fibers over a thin wall, high tenacity, EPDM rubber liner. The outer jacket is mildew resistant and available with double dip “Key-Lok” polyurethane based polymer impregnation for abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while engineered yarn selections lighten the hose up to 25% compared to competitive offerings.
Ultra light, double jacket construction, utilizing high strength ring spun and filament polyester fibers to deliver a highly abrasion resistant lightweight attack hose. A dependable polyurethane lining eliminates ozone deterioration while maintaining lightweight integrity of the hose. The outer jacket is mildew resistant and available with iconic “Key-Lok” polyurethane based polymer impregnation for additional abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while ensuring the hose is lighter and easier to maneuver.

Key-Lite liner material meets NSF (National Sanitation Foundation) Standard 61 for potable water. This reliable, double jacket fire hose is tested to 600 and 800 psi and meets MIL-H-24606 latest edition for abrasion resistance. Features a 5-year warranty against liner delamination.

Key-Lite can be coupled with 6061-T6 extruded aluminum threaded couplings or forged Storz. Special threads or other custom features available upon request. Barcode recess available at additional charge.

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Key-Lite can be coupled with 6061-T6 extruded aluminum threaded couplings or forged Storz. Special threads or other custom features available upon request. Barcode recess available at additional charge.

FOR SUPPLY AND ATTACK SITUATIONS

Keyhose.com 800.447.5666

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Key-Lite can be coupled with 6061-T6 extruded aluminum threaded couplings or forged Storz. Special threads or other custom features available upon request. Barcode recess available at additional charge.
Unique double jacket construction, combining the supple high strength of Nylon 6.6 yarn and polyester filament fibers to form a highly abrasion-resistant outer jacket and an inner jacket with increased tensile strength and durability. Our proprietary reverse twill weave construction reduces friction loss while ensuring the hose is lightweight, easy to handle and easy to pack. Customises the core of this double-jacket attack line with your choice of a thin wall, high tensile, EPDM rubber liner (Magnum) or polyurethane liner (Maglite). Both of these dependable liner options provide superior kink resistance and eliminate ozone deterioration while maintaining the lightweight integrity of the hose.

Maglite's polyurethane liner material meets NSF National Sanitation Foundation Standard 61 for potable water. The outer jacket is mildew resistant and is also available with iconic “Key-Lok” polyurethane-based polymer impregnation for additional abrasion and moisture resistance.

FOR SUPPLY AND ATTACK SITUATIONS

Magnum/Maglite can be coupled with 6061-T6 extruded aluminum threaded couplings or forged Storz. Special threads or other custom features available upon request. Barcode recess available at additional charge.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Part No.</th>
<th>Service</th>
<th>Proof</th>
<th>Burst</th>
<th>Bowl Size</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4&quot;</td>
<td>DN15-800</td>
<td>400 psi</td>
<td>600 psi</td>
<td>1200 psi</td>
<td>115/16&quot;</td>
<td>0.24 lbs/ft</td>
</tr>
<tr>
<td>1 3/4&quot;</td>
<td>DN17-800</td>
<td>400 psi</td>
<td>600 psi</td>
<td>1200 psi</td>
<td>31/8&quot;</td>
<td>0.28 lbs/ft</td>
</tr>
<tr>
<td>2 1/2&quot;</td>
<td>DN25-800</td>
<td>400 psi</td>
<td>600 psi</td>
<td>1200 psi</td>
<td>3&quot;</td>
<td>0.42 lbs/ft</td>
</tr>
<tr>
<td>3&quot;</td>
<td>DN30-800</td>
<td>400 psi</td>
<td>600 psi</td>
<td>1200 psi</td>
<td>3 3/4&quot;</td>
<td>0.54 lbs/ft</td>
</tr>
<tr>
<td>4&quot;</td>
<td>DN40-600</td>
<td>400 psi</td>
<td>600 psi</td>
<td>800 psi</td>
<td>4 1/4&quot;</td>
<td>0.81 lbs/ft</td>
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*Polyurethane liner not available

Clear
<table>
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<tr>
<th>Color</th>
<th>Clear Coat</th>
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<tbody>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>Tan</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td></td>
</tr>
</tbody>
</table>

Magnum/Maglite.com 800.447.5566
The lightweight, small diameter, rubber covered attack hose that packs a big punch.

This heat and chemical resistant, nitrile/PVC through-the-weave design provides peak performance and maximum flow. With a test pressure of 600 psi and a range of temperature tolerance from -35 °F to 1200 °F, Dura-Flow clearly outperforms conventional rubber covered attack lines.

**RUBBER COVERED ATTACK HOSE**

A rugged, thick ribbed outer jacket construction makes the hose highly resistant to kink, impact, punctures, cuts and abrasion. Ozone resistant, maintenance free and no drying required, make Dura-Flow a reliable weapon in a firefighter’s arsenal. NFPA compliant and UL Listed*.

### Diameter | Part No. | Min psi | Max psi | Bow | Uncoupled | Weight (lbs/ft)
--- | --- | --- | --- | --- | --- | ---
1" | RC10-600 | 300 | 600 | 600 | 900 | 13/16" | 0.15
1 1/2" | RC15-600 | 300 | 600 | 600 | 900 | 11 3/16" | 0.24
1 3/4" | RC17-600 | 300 | 600 | 600 | 900 | 11 1/4" | 0.24
2" | RC20-600 | 300 | 600 | 600 | 900 | 2" | 0.32
2 1/2" | RC25-600 | 300 | 600 | 600 | 900 | 2 1/2" | 0.48

*UL Listed to 250 psi

*UL Listed to 250 psi

Dura Flow coupling options are as required by purchaser; expansion ring threaded, Storz clamp ring, etc. Barcode recess available at additional charge.

**HEAVY DUTY, HIGH PERFORMANCE ATTACK HOSE**
A lightweight, heat resistant, large diameter supply hose that delivers superior flow during fireground operations. Ozone and chemical resistant, the nitrile/PVC through the weave design allows the hose to expand under pressure — decreasing friction loss and increasing water flow. The thin rib rubber outer cover offers increased resistance to impact, punctures and abrasion.

**LIGHTWEIGHT SUPPLY HOSE**

Reliable, maintenance-free and no drying required, make this the ideal supply hose for municipal and industrial fire departments. NFPA compliant and UL Listed*

---

### Specifications

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Part No.</th>
<th>Service Test</th>
<th>Proof Test</th>
<th>Burst Test</th>
<th>Bowl Size</th>
<th>Weight Uncoupled</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>RC30-600</td>
<td>300 psi</td>
<td>600 psi</td>
<td>900 psi</td>
<td>33/8&quot;</td>
<td>0.60 lbs/ft</td>
</tr>
<tr>
<td>4&quot;</td>
<td>RC40-500</td>
<td>250 psi</td>
<td>500 psi</td>
<td>750 psi</td>
<td>41/4&quot;</td>
<td>0.74 lbs/ft</td>
</tr>
<tr>
<td>5&quot;</td>
<td>RC50-450</td>
<td>225 psi</td>
<td>450 psi</td>
<td>675 psi</td>
<td>51/4&quot;</td>
<td>0.93 lbs/ft</td>
</tr>
<tr>
<td>6&quot;</td>
<td>RC60-450</td>
<td>225 psi</td>
<td>450 psi</td>
<td>675 psi</td>
<td>61/4&quot;</td>
<td>1.35 lbs/ft</td>
</tr>
</tbody>
</table>

*UL Listed to 300 psi | **UL Listed to 200 psi

---

Pro-Flow coupling options are as required by purchaser, expansion ring threaded, Storz clamp ring, etc.

---

Other colors available upon request

Red

Yellow

---

""UL Listed to 300 psi | ""UL Listed to 300 psi
A high pressure, high visibility, large diameter attack/supply hose with a 300 psi service test pressure. Heat and chemical resistant, the nitrile/PVC through-the-weave design allows the hose to expand under pressure — decreasing friction loss and increasing water flow. The thin rib rubber outer cover offers increased resistance to impact, punctures and abrasion.

**HIGH VISIBILITY SUPPLY HOSE**

Reliable, maintenance-free and no drying required, make this the ideal supply hose for busy municipal fire departments. NFPA compliant and UL Listed.

**HIGH PRESSURE LARGE DIAMETER HOSE**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Part No.</th>
<th>Service Test</th>
<th>Burst Test</th>
<th>Bowl Size</th>
<th>Weight Uncoupled</th>
</tr>
</thead>
<tbody>
<tr>
<td>4”</td>
<td>R240-600</td>
<td>300 psi</td>
<td>600 psi</td>
<td>4 1/4”</td>
<td>0.93 lbs/ft</td>
</tr>
<tr>
<td>5”</td>
<td>R250-600</td>
<td>300 psi</td>
<td>600 psi</td>
<td>5 1/4”</td>
<td>1.25 lbs/ft</td>
</tr>
</tbody>
</table>

UL Listed up to 200 psi

Pro-Flow HP coupling options are as required by purchaser, expansion ring threaded, Storz clamp ring, etc.
Engineered to combat the rigors of wildland fire fighting and ideal for changing forestry terrain, providing the ultimate in heat, abrasion and puncture resistance. A heat resistant ring spun outer jacket prevents damage from sparks and radiant heat. The outer jacket is finished with our iconic “Key-Lok” polyurethane based polymer impregnation so hose will remain mildew resistant and require no drying.

Key Hose “smooth flow technology” delivers more water at higher pressures, all in a compact, lightweight design that goes where you need it, while easy to deploy and manage. Meets USDA US Forestry Service Specification 5100-187 Type 2.

Expansion ring threaded or quarter turn quick connect couplings available as specified by the end-user. Couplings shall meet 5100-108 minimum requirements.

Expansion ring threaded or quarter turn quick connect couplings available as specified by the end-user. Couplings shall meet 5100-108 minimum requirements.

WILDLAND AND FORESTRY HOSE

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Part No.</th>
<th>Service Test</th>
<th>Proof Test</th>
<th>Burst Test</th>
<th>Bowl Size</th>
<th>Weight Uncoupled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>SP10-600PU</td>
<td>300 psi</td>
<td>400 psi</td>
<td>900 psi</td>
<td>1/2&quot;</td>
<td>0.10 lbs/ft</td>
</tr>
<tr>
<td>1-1/4&quot;</td>
<td>SP15-600PU</td>
<td>300 psi</td>
<td>400 psi</td>
<td>900 psi</td>
<td>1-1/4&quot;</td>
<td>0.12 lbs/ft</td>
</tr>
</tbody>
</table>

Hose will be marked FSS, 450 WP, 187 Type II, per US Forest Service Specification 5100-187C.
**WILDLAND AND FORESTRY HOSE**

The polyurethane lining with Key Hose “smooth flow technology” delivers more water at higher pressures. Lightweight, easy to handle and fitted with threaded or quarter-turn couplings.

Manufactured in accordance with USDA-US Forestry Service Specification 5100-187, Type I provides superior heat, abrasion and puncture resistance for demanding forestry applications.

**LIGHTWEIGHT 5100-187 FORESTRY HOSE**

Expansion ring threaded or quarter turn quick connect couplings available as specified by the end-user. Couplings shall meet 5100-108 minimum requirements. Available in percolating and non-percolating construction.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Part No.</th>
<th>Service Test</th>
<th>Pressure Test</th>
<th>Burst Test</th>
<th>Bowl Size</th>
<th>Weight Uncoupled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>FF10-450</td>
<td>300 psi</td>
<td>600 psi</td>
<td>900 psi</td>
<td>11/16&quot;</td>
<td>0.08 lbs/ft</td>
</tr>
<tr>
<td>1 1/4&quot;</td>
<td>FF15-450</td>
<td>300 psi</td>
<td>600 psi</td>
<td>900 psi</td>
<td>11 1/16&quot;</td>
<td>0.12 lbs/ft</td>
</tr>
</tbody>
</table>

Hose will be marked FSS, 450 WP, 187 Type I, per US Forest Service Specification 5100-187C.
Lightweight, circular woven fire hose technology incorporating high tensile, all polyester woven jacket, lined with high tensile NSF polyurethane. This workhorse hose packs tight and features brass GHT threaded couplings with strain reliefs. Constructed to meet or exceed U.S. government federal specification 4210-01-167-1061 and is ideally suited for rigorous forestry applications including pumper protection, mop-up and clean-up operations.

### Diameter | Part No. | Weight
--- | --- | ---
5/8” | FF058-300 | 1.3 lbs
3/4” | FF075-600 | 1.5 lbs

The industry’s most durable and lightweight, high pressure booster hose featuring a highly abrasion and heat resistant single jacket polyester cover. Uniquely constructed using an interior helical reinforcement offering unmatched kink resistance that maintains hose shape and performance. Designed for use with most low profile reels and skid units and available in lengths up to 200’.

### Diameter | Part No. | Service
--- | --- | ---
1” | RB10-800 | 400 psi
800 psi
1200 psi

### Bowl Size
1 1/16”

### Weight
10 lbs
### Key-Lok Technology

Key-Lok, exclusively from Key Hose, is a polyurethane-based polymer employing revolutionary nano-pigment technology. More than doubling the abrasion resistance of your hose line compared to unmodified hose lines, this proprietary formula also offers unprecedented color fastness to provide years of vibrant, visual hose identification. Key-Lok is non-toxic, environmentally safe and highly durable. Mechanically infused and heat-set in carefully selected pigments, this formula significantly improves overall color and abrasion resistance, ensuring an extremely long service life. This is Key.

- **100% increase in abrasion resistance**
- **Reinforces hoseline from coupling to coupling**
- **Robust and enhanced handling**
- **Resistant to solvents, oils and hydrocarbons**
- **Inhibits water pick-up**
- **Mildew, UV and ozone resistant**

### Key-Factor

Visit us online for a complete friction loss guide on all Key Hose products.

### Coupling Options

To complement our extensive line of fire hose products, we offer an array of coupling options including hard-coated, aluminum rocker lug couplings, cast brass and forestry couplings as well as lightweight, self-locking Storz couplings. Key Regional Sales Managers and Customer Service Professionals will gladly assist in selecting couplings to meet required specifications.

### Warranty

At Key, all fire hoses products are subjected to the most stringent quality control standards in the industry. Our world-class manufacturing facilities combine innovative technology and equipment to ensure a consistent level of superior quality and timeliness in delivery. Key fire hose products have guaranteed service life ranging from one year to ten years. Refer to individual product specifications for exact warranty information.

### 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 NFPA compliant 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 two times the specified service test pressure.

#### Burst Pressure

The minimum burst test pressure shall not be less than three times the specified service test pressure. Conducted at the factory as part of continual Quality Control and NFPA design compliance.

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**Apparatus**

1. Pump apparatus
2. Double jacket 2½” x 25’ 800 psi brake hose coupled 2½” aluminum NH
3. Wheat calibratedgages
4. 2½” x 1½” aluminum adapter
5. 50’ attack lines coupled 1½” NH
6. Smooth bore nozzle ½” x 1’p

#### Procedure

Test is performed using a 2½” double jacket Big 10 x 25’ long fire hose from the pump panel to the ground a 2½” x 1½” adapter added to the male end of the 2½” to ensure an accurate reading at the inlet gauge without vibration. A calibrated inline gauge is then placed behind the adapter. Two lengths 50’ long test samples are coupled together and placed in a straight line laying flat on the ground. A second calibrated inline gauge is placed at the discharge end (male end) along with a 1½” smooth bore nozzle. The total assembly is filled with water and the nozzle has an open-end discharge until a pressure of 50 psi is reached at the discharge end. A reading is simultaneously taken on both gauges to correctly determine the friction loss of the 100’ long assembly.

#### Results

<table>
<thead>
<tr>
<th>Product</th>
<th>Diameter</th>
<th>Length</th>
<th>Pressure Loss</th>
<th>Friction Loss</th>
<th>Coefficient of Flow</th>
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<tbody>
<tr>
<td>Combat Ready</td>
<td>1½”</td>
<td>185 gpm</td>
<td>11 psi</td>
<td>6.59</td>
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<tr>
<td>Combat Ready</td>
<td>2½”</td>
<td>185 gpm</td>
<td>9 psi</td>
<td>5.23</td>
<td></td>
</tr>
<tr>
<td>Combat Ready</td>
<td>2½” x 2½”</td>
<td>185 gpm</td>
<td>7 psi</td>
<td>4.13</td>
<td></td>
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<tr>
<td>Key-Lite</td>
<td>1½”</td>
<td>185 gpm</td>
<td>25 psi</td>
<td>14.6</td>
<td></td>
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<tr>
<td>Magnum</td>
<td>1½”</td>
<td>185 gpm</td>
<td>19 psi</td>
<td>11.6</td>
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<tr>
<td>Big-10 (FDNY)</td>
<td>1½”</td>
<td>185 gpm</td>
<td>13 psi</td>
<td>7.44</td>
<td></td>
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<tr>
<td>Eco-10</td>
<td>1½”</td>
<td>185 gpm</td>
<td>22 psi</td>
<td>13.2</td>
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<tr>
<td>TRU-10</td>
<td>1½”</td>
<td>185 gpm</td>
<td>22 psi</td>
<td>13.2</td>
<td></td>
</tr>
</tbody>
</table>
Key Hose reserves the right to modify any specification without prior notice to meet or exceed changing standards. For more information please contact a Key Hose authorized distributor.

keyhose.com
800.447.5666 | Fax: 800.447.5664
P.O. Box 7107, Dothan, Alabama 36302

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