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800.447.5666 keyhose.com



Combat Sniper is an operational game-changing attack line with legendary, double jacketed, extruded through-the-weave nitrile/PVC tube construction and true 1.78" diameter.

PUSHING TECHNOLOGY FORWARD

Combat Sniper was built for use with low pressure/high volume nozzles built to reduce hose whip and optimize friction loss, all while delivering targeted flow ranges of 145-175 gpm. This innovative design provides premium kink resistance that allows for precise handling during the push for tight controlled water mapping. Packs on the shoulder as well as it does in the hose bed. Features a 10-year warranty, which includes a 1-year all hazards warranty.



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Combat Sniper attack hose is treated with a special "Key-Lok" polyurethane based polymer impregnation for enhanced color and added abrasion resistance. Combat Sniper shall be coupled with aluminum 6061-T6 USA manufactured couplings.



Targeted Flow Rates: 145-175 gpm (1.78")









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 over-sized attack lines — thus reducing firefighter fatigue. Virtually kink resistant, TRU-ID handlines are designed for use with low pressure/high volume nozzles built to reduce hose whip and optimize friction loss, all while delivering targeted flow rates, guaranteed.

FOR COMMAND AND CONTROL

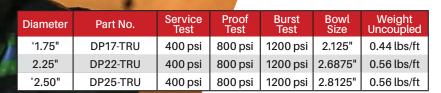
Our unique 2.25" TRU-ID is the first new diameter attack hose to be offered in decades. Born out of the challenges faced by today's progressive firefighting community, TRU-ID 225 is ideally suited for high rise applications and large caliber attack line operations. When charged, each 50' length of TRU-ID 225 eliminates over 20 pounds of weight clearly outperforming traditional 2½" attack 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 nozzleman increased mobility with less fatigue, every time.

DOUBLE JACKET RUBBER LINED ATTACK HOSE

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, 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. Barcode 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. Features a 10-year warranty, which includes a 1-year all hazards warranty. Seize the power of targeted flows with command and control performance.



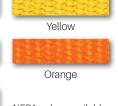
Targeted Flow Rates: 125-185 gpm (1.75") 240-265 gpm (2.25") // 200-325 gpm (2.50") *UL Listed











NFPA colors available

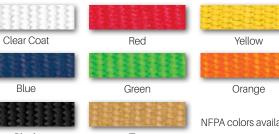


HEAVY DUTY RUBBER LINED FIRE HOSE

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

Dia	meter	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight Uncoupled
*1	1 1/2"	DP15-800	400 psi	800 psi	1200 psi	1 ¹⁵ /16"	0.34 lbs/ft
*1	3/4"	DP17-800	400 psi	800 psi	1200 psi	21/8"	0.38 lbs/ft
13/4"	"FDNY	DP18-800-FDNY	400 psi	800 psi	1200 psi	21/4"	0.42 lbs/ft
*2	21/2"	DP25-800	400 psi	800 psi	1200 psi	3"	0.54 lbs/ft
,	*3"	DP30-800	400 psi	800 psi	1200 psi	31/2"	0.74 lbs/ft
*3	31/2"	DP35-600	300 psi	600 psi	900 psi	4 ⁵ / ₁₆ "	0.90 lbs/ft

*UL Listed



NFPA colors available









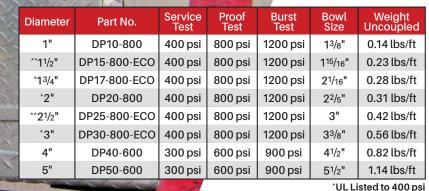
Lightweight, double jacket construction, combining 100% premium ring spun staple and filament polyester fibers over a thin wall, high tensile, EPDM rubber liner. The outer jacket is mildew resistant and available with double dip "Key-Lok" polyurethane based polymer impregnation for abrasion and moisture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

FOR SUPPLY AND ATTACK SITUA

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.

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

MILLIAMA



**UL Listed to 400 psi and FM Approved

LIGHTWEIGHT DOUBLE JACKET RUBBER LINED HOSE









Clear Coat



Orange

NFPA colors available

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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.

FOR SUPPLY AND ATTACK SITUATIONS

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 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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	Diameter	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight Uncoupled
À	1"	DP10-800-PU	400 psi	800 psi	1200 psi	13/8"	0.14 lbs/ft
	11/2"	DP15-800-PU	400 psi	800 psi	1200 psi	1 15/16"	0.28 lbs/ft
	13/4"	DP17-800-PU	400 psi	800 psi	1200 psi	21/8"	0.30 lbs/ft
1	2"	DP20-800-PU	400 psi	800 psi	1200 psi	22/5"	0.31 lbs/ft
	21/2"	DP25-800-PU	400 psi	800 psi	1200 psi	3"	0.46 lbs/ft
	3"	DP30-800-PU	400 psi	800 psi	1200 psi	31/2"	0.62 lbs/ft







MACHICA MACHILIE

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. Customize 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.

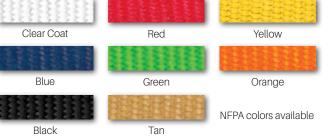
FOR SUPPLY AND ATTACK SITUATIONS

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.

LIGHTWEIGHT NYLON 6.6 FIRE HOSE

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

Diameter	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight Uncoupled
11/2"	DN15-800	400 psi	800 psi	1200 psi	1 ¹⁵ / ₁₆ "	0.24 lbs/ft
13/4"	DN17-800	400 psi	800 psi	1200 psi	21/8"	0.28 lbs/ft
21/2"	DN25-800	400 psi	800 psi	1200 psi	3"	0.42 lbs/ft
3"	DN30-800	400 psi	800 psi	1200 psi	31/2"	0.54 lbs/ft
*4"	DN40-600	300 psi	600 psi	900 psi	41/2"	0.81 lbs/ft
*5"	DN50-600	300 psi	600 psi	900 psi	51/2"	0.90 lbs/ft



*Polyurethane liner not available







The lightweight, small diameter, rubber covered attack hose that packs a big punch. The heat and chemical resistant, nitrile/PVC through-the-weave design provides peak performance and maximum flow. With a test pressure of 600 psi, 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*.





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

	Diameter	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight Uncoupled
	1"	RC10-600	300 psi	600 psi	900 psi	1 3/16"	0.15 lbs/ft
	1 1/2"	RC15-600	300 psi	600 psi	900 psi	1 ¹³ / ₁₆ "	0.24 lbs/ft
	*13/4"	RC17-600	300 psi	600 psi	900 psi	1 ¹⁵ / ₁₆ "	0.28 lbs/ft
	2"	RC20-600	300 psi	600 psi	900 psi	21/4"	0.32 lbs/ft
	*21/2"	RC25-600	300 psi	600 psi	900 psi	2 ¹³ /16"	0.48 lbs/ft



Other colors available upon special request





*UL Listed to 250 psi



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

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

NFPA compliant and UL Listed*.

keyhose.com

 Diameter
 Part No.
 Service Test
 Proof Test
 Burst Test
 Bowl Size
 Weight Uncoupled

 *3"
 RC30-600
 300 psi
 600 psi
 900 psi
 33/8"
 0.60 lbs/ft

 **4"
 RC40-500
 250 psi
 500 psi
 750 psi
 41/4"
 0.74 lbs/ft

 **5"
 RC50-450
 225 psi
 450 psi
 675 psi
 51/4"
 0.93 lbs/ft

 6"
 RC60-450
 225 psi
 450 psi
 675 psi
 61/4"
 1.35 lbs/ft

Red Yellow
Other colors available upon request

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

EAVY DUTY LARGE DIAMETER HOSE

Pro-Flow coupling options are as required by purchaser,

expansion ring threaded, Storz clamp ring, etc.







II. Albie II

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.

WILDLAND AND FORESTRY HOSE

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 II.



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

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"	Diameter	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight Uncoupled
	1"	SP10-600PU	300 psi	600 psi	900 psi	13/16"	0.10 lbs/ft
38.	11/2"	SP15-600PU	300 psi	600 psi	900 psi	1 ¹¹ / ₁₆ "	0.12 lbs/ft

Hose will be marked FSS, 450 WP, 187 Type II, per US Forest Service Specification 5100-187C



5100-187 colors

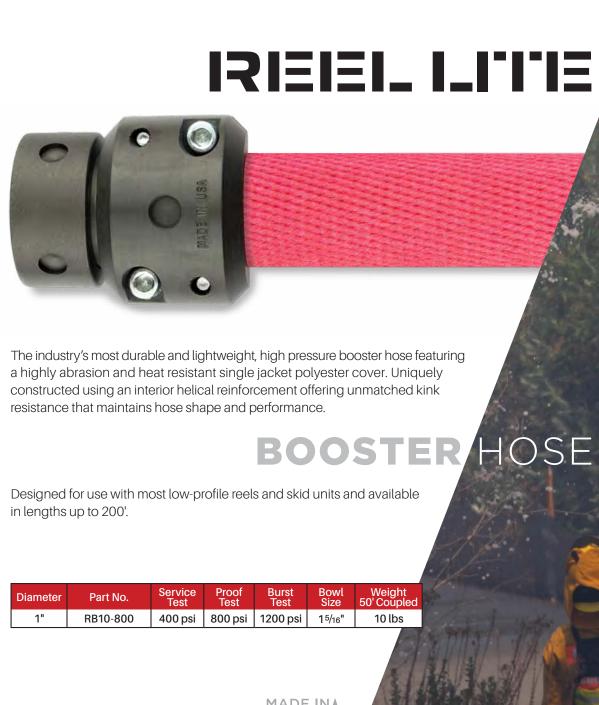












USAX USAX

Apparatus

- 1 Fire apparatus pump
- 1 Double jacket 21/2" x 25' 800 psi fire hose coupled 21/2" aluminum NH
- 2 Inline calibrated gauges
- 1 21/2" x 11/2" aluminum adapter
- 2 50' attack lines coupled 11/2" NH
- 1 Smooth bore nozzle 15/16" tip

Procedure

Test is performed using a $2\frac{1}{2}$ " double jacket Big- 10×25 ' long fire hose from the pump panel to the ground. A $2\frac{1}{2}$ " x $1\frac{1}{2}$ " adapter is added to the male end of the $2\frac{1}{2}$ " 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 15/16" 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

Product	Diameter	Gallons per Minute	Friction Loss 50'	Coefficient of Flow
Combat Ready	13/4"	185 gpm	11 psi	6.59
Combat Ready	2" w/ 1 ¹ / ₂ "	185 gpm	9 psi	5.25
Combat Ready	2" w/ 2 ¹ / ₂ "	185 gpm	7 psi	4.13
Key-Lite	13/4"	185 gpm	25 psi	14.2
Magnum	13/4"	185 gpm	19 psi	11.6
Big-10 (FDNY spec)	13/4"	185 gpm	13 psi	7.44
Big-10	13/4"	185 gpm	22 psi	13.2
Eco-10	13/4"	185 gpm	21 psi	12.4
TRU-ID	13/4"	185 gpm	22 psi	13.2



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

KEY-LOK TECHNOLOGY

Key-Lok, exclusively from Key Hose, is a polyure-thane based polymer employing revolutionary nano-pigment technology. More than doubling the abrasion resistance of your hoseline compared to untreated hoselines, 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 to encapsulate, soak and protect each yarn while also bonding the fibers of the weave to the protective polymers of the formula. Finish off your jacketed hoselines with the best in added abrasion resistance and color longevity. 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



UL AND ULC LISTINGS

Underwriters Laboratories provides safety-related certification, validation, testing, inspection, auditing, advising and training services for fire hose products. This registration is your assurance that Key Hose complies with all the rules and guidelines for quality assurance and reliability. Key Hose products are known for their specific features, accurate dimensions and performance.

FM APPROVALS

The independent testing arm of international insurance carrier, FM Global. FM Approvals uses scientific research and testing to make sure products conform to the highest standards for safety and property loss prevention. FM Approvals follows five steps to make sure the products they're testing meet quality guidelines.

Products that pass get the "FM APPROVED" mark.

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 hose 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 timely 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.





Key Hose vows to remain dedicated and responsive to a market that requires an arsenal of products that is second to none. We rely on our end users and distributors for valuable insight into new innovations and product development. It's the voice of our customers that challenges our employees to deliver products that are relied on to save lives and protect property. We'd like to salute all the fire departments and firefighters who have made Key the preferred choice for more than three decades.



