



DIAMETER

● 2" / 51mm



KRAKENEXO
SUPER II™

FIGHT THE FIRE, NOT THE HOSE.
DEMAND MORE FROM YOUR HOSE — MORE WATER, LESS WEIGHT.

The KrakenEXO SUPER II™ is the most advanced double-jacketed 2" (51mm) attack hose capable of delivering targeted flows of 210-300 GPM with up to 30% less weight*.

Get 2.5" flows with a 2" hose for superior maneuverability & unrivaled performance. Lower weight, increased flexibility, high kink resistance, and low friction loss, all combined with our proven strength and durability. Ideal for advanced interior tactics, high-rise & standpipe applications, and in limited manpower situations.

- » "SUPER" flow combo offers maximum volume at the minimum weight: up to 40lbs lighter per 50' charged (18.1kg per 15.2M) compared to standard 2.5" / 64mm hose — up to 160lbs less over a 200' line (72.6kg per 60.9M)!
- » Patented Breather™ technology adds flexibility & strength, releasing trapped air and water for superior packability.
- » Unique Mertex® lining yields low friction loss for maximum flow and superior lifelong adhesion — NEVER DELAMINATES!
- » Available with our exclusive three-part 1.5" / 38mm -OR- patented 2" x 2.5" / 25mm x 64mm Merlite® / Mertex Wayout® couplings.
 - KrakenEXO SUPER II™ couplings are anodized black with red recessed, reflective Mertex Wayout® arrows.
 - All couplings standard with recessed IDentify® areas for color coding, barcoding, and/or identification markings.
- » Manufactured to exceed NFPA 1961, UL and FM performance requirements.
- » UL approved and can be UL labeled upon request.
 - Designed to beat the heat; tested according to the 2020 UL 19 heat testing standards.
- » Burst safety factor of 3.75 times the service pressure for greater security. Remains flexible to -65° F / -55° C.
- » Covered by our industry-best Mercedes Textiles Limited 2-10-L warranty.

*when compared to standard 2.5" / 64mm attack lines, including EPDM rubber-lined hose



ATTACK



LOW PSI



HIGH FLOW



EASY HANDLING



HI-RISE & STANDPIPE

PERMATEK HP™



Hose Spec.	Trade Size	Interior Diameter	Bowl Size	Weight UNCOUPLED (50' / 15.2M)	Weight CHARGED (50' / 15.2M)	Coil Diameter (50' / 15.2M)	Service Pressure	Proof Pressure	Burst Pressure
823	2 in 51mm	2.125 in 54 mm	2 7/16 in 62 mm	19.8 lbs 9.0 kg	108.8* lbs 49.4* kg	17 in 43 cm	400 PSI 2 760 kPa	800 PSI 5 515 kPa	1,500 PSI 10 345 kPa



LEARN MORE & REQUEST A DEMO AT [MERCEDESTEXTILES.COM/SUPER2](https://www.mercedestextiles.com/super2)

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SPECIFICATIONS

KRAKEN^{EXO} SUPER II™

DOUBLE JACKET POLYURETHANE-LINED ATTACK HOSE WITH A SERVICE TEST PRESSURE OF 400 PSI / 2 760 KPA

SCOPE

Hose specified shall be manufactured to the highest quality and craftsmanship. Hose shall be built for superior performance on the fireground, with firefighter safety at the forefront. Hose shall meet the NFPA 1961 and UL-19 standards. The hose shall be free from defects in materials and workmanship.

JACKETS

The inner hose jacket shall be made with 100% filament polyester warp and weft yarn. The outer jacket shall be made with virgin spun polyester warp yarn and a minimum of 10 filament polyester weft yarn picks per inch (394 per Meter). Outer jacket shall have two 5/8" (16 mm) wide red stripes, 1/4" (6 mm) apart running the full length. The outer jacket shall also have patented Breather™ technology created by sections of heavy gauge filament polyester yarn. This unique construction must provide increased flexibility, superior packability, greater strength, ease of air evacuation and added visibility. The outer jacket shall be impregnated in one of the standard NFPA colors with high performance polymeric dispersion.

LINING

The lining (waterway) must be made from polyurethane and must be applied using a fused process that welds the polyurethane directly to the textile while the hose is being woven, without the use of adhesives or hot melt. The fused lining process must create a virtually inseparable unit without the use of adhesives, yielding an extremely low friction (pressure) loss by filling in the corrugations of the weave, creating an ultra thin and smooth waterway. Fire hose made using adhesives of any type do not meet this specification. The lining shall be approved for use with potable water.

ADHESION

The adhesion shall be such that the rate of separation of a 1 1/2" / 38mm strip of polyurethane, transversely cut, shall not be greater than 1/4" / 6mm per minute under a weight of 12 lbs / 5.5 kg.

COLD TEMPERATURE FLEXIBILITY

The hose must remain flexible to -65°F (-55°C) as per test UL-19.

SERVICE, TEST, BURST PRESSURES

Minimum service, test and burst pressures shall be as detailed in the specification table on the previous page.

WEIGHT

Each 50' / 15.2M length of fire hose shall not weigh more than 20 lbs / 9.1 kg dry and uncoupled or 110 lbs / 49.9 kg coupled and charged to 100PSI.

FLOW & FRICTION LOSS

The hose must be capable of delivering targeted flows between 210 – 300 GPM / 795 – 1136 LPM. When requested, a chart of friction loss test results shall be provided to the customer.

KINK TEST

HIGH PRESSURE: A full length shall withstand, without damage, a hydrostatic pressure of 600 psi / 4140 kPa while kinked.
LOW PRESSURE: The hose shall not kink when formed into a 26" / 66 cm wide loop (outside measure) at 60 psi / 415 kPa internal water pressure.

COUPLING SPECIFICATIONS

Must come standard with Black anodized couplings. The female coupling shall have at least 3 reflective arrows, in order to be visible from any position. The reflective arrows must be recessed below the surface of the coupling, to resist abrasion. The arrows must point in the direction of the water source for a standard hose connection. The male coupling and female swivel nut must both have a recessed area to facilitate color and bar coding and/or identification markings.

Must be available with both 1 1/2" / 38mm and 2 1/2" / 64mm couplings.

- » The 1 1/2" / 38mm coupling must be a 3 part coupling for lighter weight.
- » The 2 1/2" / 64mm coupling must have a protective shoulder that protects the male threads from damage. This 2 1/2" / 64mm coupling set must not weigh more than 1.8 lbs / 0.82 kg (less expansion rings).

MANUFACTURE

Both hose and couplings must be manufactured in North America.

STANDARDS

Hose must be manufactured to meet or exceed all NFPA 1961 standards. The hose must be UL approved and be tested in accordance with the procedures specified in 2020 UL 19 radiant heat testing.

WARRANTY

The fire hose shall have a 2-10-L warranty, as described below.

- » "2" denotes two-year "all hazards" warranty against any damage incurred during fire fighting
 - » "10" denotes ten-year warranty against manufacturing defects
 - » "L" denotes lifetime warranty against liner delamination
- Full warranty terms available upon request.

INNOVATION DELIVERED.™

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