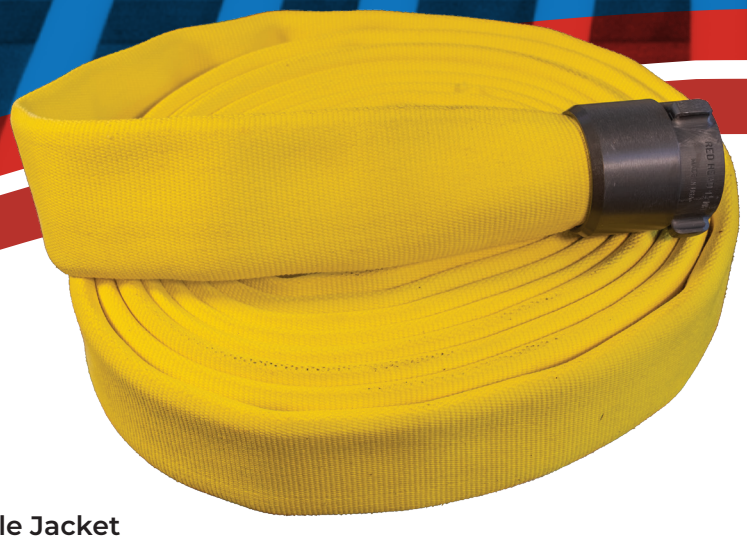


ICON DJ

DOUBLE JACKET HEAVY DUTY
RUBBER LINED ATTACK HOSE

FEATURES

- All Polyester Double Jacket Rubber Lined Attack Hose
- Exclusive Pu Based Color Coating To Aid Abrasion Resistance And Color Leaching
- Reverse Twill Inside Jacket For Ultra-Smooth Liner Surface
- Designed for all nozzle applications and specifically higher pressure nozzles
- Temperature Range: -65 F To 112 F
- 10 Year Manufacturer Warranty
- Lengths Available To 100'
- Diameters: 1 ½", 1 ¾", 2", 2 ½", 3"
- Lifetime Warranty Against Tube Delamination

Meets All the Requirements of NFPA 1961 (1960) Standard on Fire Hose
Meets and exceeds UL-19 and FM standards
Meets and exceeds MIL-H-24606b standards
Meets and exceeds A-A-52226A standards

HOSE SIZE AND SPECIFICATIONS

	INSIDE DIAMETER	BOWL SIZE	WEIGHT/FT. COUPLED	WORKING PRESSURE	TEST PRESSURE	BURST PRESSURE
	INCHES	INCHES	POUNDS	PSI	PSI	PSI
*	1 1/2"	1 15/16"	.34 lbs	400 psi	800 psi	1200 psi
*	1 3/4"	2 1/8"	.41 lbs	400 psi	800 psi	1200 psi
	2"	2 13/32"	.46 lbs	400 psi	800 psi	1200 psi
*	2.5"	2 15/16"	.56 lbs	400 psi	800 psi	1200 psi
*	3"	3 1/2"	.75 lbs	400 psi	800 psi	1200 psi

* UL LISTED

116 KINGSWOOD DR. • DOTHAN, AL 36303 • 334.984.0184
WWW.MATEXHOSE.COM

ICON
DOUBLE JACKET RUBBER LINED ATTACK HOSE

QUALITY
MaTex Icon supplied under the specification is a premium quality double-jacket municipal fire hose. All materials used in the fabrication of the hose shall be of the ***best quality commercially available***. MaTex Icon is manufactured to meet NFPA 1961 (1960) standards.

JACKETS
The jackets shall be evenly and firmly woven, free from unsightly defects, dirt, knots, lumps, irregularities or twist that might affect the serviceability of the finished product. Each jacket shall be seamless and shall have polyester filler yarns woven around the hose throughout its length, with the warp ends interwoven with the warp yarn covering the filler yarns. Warp ends of both the inner and outer jackets shall be spun polyester developed, designed and processed for the fire hose jacket warp yarns. The use of nylon, polyamide, or rayon yarns used in the warp or filler direction is not allowed. The use of any warp yarns of filament or entangled construction is expressly forbidden. Filler yarns of both the inner and outer jackets shall be high-tenacity filament polyester developed, designed, and processed for the fire hose jacket filler yarns. These filament polyester yarns shall be free from defects that are unsightly or may affect the serviceability of the finished hose. The spun polyester warp ends must completely cover and protect the filament polyester filler yarns. The inner jacket shall be of reverse twill weave, to allow for a smooth waterway.

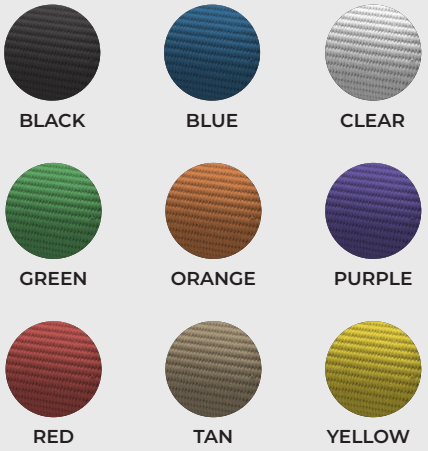
LINING
The rubber shall be a single ply extrusion of EPDM polymer which naturally resists ozone and oxidation. Styrene Butadiene Rubber (SBR) which is not a natural resistor is Not Acceptable, Thermoplastic liners such as polyurethane is also Not Acceptable. The surface must be smooth and free from corrugations. The lining thickness shall be tightly controlled to reduce weight and kink radius. The thickness of the hose should be 1½", 1 ¾, 2", 2½" & 3": 0.034 to 0.046"

ADHESION
The adhesive must be of uniform thickness around the circumference of the lining. Calendared adhesive with an overlap is not acceptable. The adhesion shall be such that the rate of separation of a 1½" strip of lining, transversely cut, shall not be greater than 1" per minute under a weight of 18 lbs. No Exceptions.

LOW TEMPERATURE FLEXIBILITY
The hose shall be capable of performing in sub-zero conditions. A 3-foot section of hose shall be exposed to a temperature of -65° F for a period of 24 hours. exposure period, and while maintained at the -65°C exposure temperature, the hose shall be rapidly bent 180° double on itself, first one way and then the other. There shall be no cracking or breaking of the jacket or liner. Leakage shall be cause for rejection.

HYDROSTATIC TEST
Hydrostatic tests shall be conducted on hose equipped with the couplings to be delivered in accordance with NFPA 1961 (1960). Each length of hose is to be subjected to a hydrostatic proof test pressure of 800 psi for at least 15 seconds and not more than 1 minute. Twist: The hose shall not twist more than 4-1/4 turns per 50 ft. for the 1½", 1¾", and 2" sizes, and not more than 1 ¾ turns per 50 ft. for the 2½" and 3" sizes under a pressure of 800 psi. No final twist in a direction to loosen the couplings shall be permitted.

BURST TEST
A 3-foot sample of hose chosen at random shall stand without failure a hydrostatic pressure of 1200 psi while lying straight or curved on a 27" radius. Retention of the coupling to the hose shall equal or exceed the burst pressure..

COLORS


IMPREGNATION
The emulplast polyseel color impregnation is a proprietary process applied to the outer jacket by a mechanical process and cured into the jacket by a thermal process. This includes a polyurethane coating which increases abrasion resistance by 3 times over standard impregnation. It greatly increases heat and flame resistance, almost eliminates water pickup and adds superb resistance to petro chemicals and displays extreme resistance to bacterial and mildew growth.

WARP
The hose shall not warp more than 20" from a straight line drawn from center to center of the fittings at the ends of the hose, and the hose shall not rise from the table.

KINK TEST
A full length shall withstand, while kinked, without failure, a hydrostatic pressure of 500 psi.

EXPANSION
The expansion in circumference of the hose between 10 and 800 psi shall not exceed 8%.

WARRANTY
The fire hose furnished under the terms of this proposal has a potential service life of ten years, barring mistreatment or accidental damage that would render the hose unfit for service. MaTex warrants the hose to be free from defects in materials and workmanship for a period of ten years. This warranty shall provide for the repair or replacement of hose and couplings proven to have failed due to faulty material or workmanship.