

FIREQUIP™

SPECIFICATION SHEET

CLASSIC VICTORY



FIREQUIP MUNICIPAL FIRE HOSE “CLASSIC FRONTLINE VICTORY” SPECIFICATIONS

QUALITY CONSTRUCTION DESIGN PURPOSE: The fire hose described in these specifications shall be considered unique in its design and construction, setting it apart from any hose on today’s market. The hose shall be constructed to have a potential service life of at least ten (10) years when used in the most strenuous of fire ground conditions with a capability of superior flow rates compared to same diameter hose.

FQ “Classic Frontline Victory” hose takes us back to the basics, a “classic” standard of excellence, and a “frontline” of offense. FQ CLASSIC FRONTLINE VICTORY HOSE DJ 800 is 100% polyester, 1 ¾” Double Jacket hose, lined with an enhanced, smooth bore, waterway to maximize flow rate and minimize friction loss. It has service test pressure rating of 400 PSI and is coupled with standard NST Hardcoat Aluminum double-ringed couplings. This is available in impregnated colors of WEAR GUARD, a protective coating to enhance abrasion resistance, improve heat resistance, and reduce water absorption.

CLASSIC FEATURES

Construction:	Circular woven, Double Jacket, 100% spun polyester.
Inner Jacket:	Reverse Twill Weave
Tube:	Enhanced Waterway of Extruded rubber liner of .040 inch thickness.
Standard Length:	50’ and 100’ lengths.
Couplings:	Double-ringed Hardcoat Aluminum
Flow Rate:	180 GPM for 1 ¾” through 15/16 inch tip at 48 psi.
Friction Loss:	Maximum friction loss of 15 psi at 100 GPM for 100’ lay.
Kink Resistance:	Virtually kink resistant
Tracer Stripes:	Red and Blue woven stripes identify Classic from others.
Available Colors:	White, Red and Yellow with Blue and Red Tracer Stripes

FQ “CLASSIC FRONTLINE VICTORY” HOSE SPECIFICATIONS:

- The hose must meet or exceed all the requirements of NFPA 1961 Standards (2007 Edition).
- The hose shall be of double jacket construction; each jacket shall be seamless and have 100% polyester filler yarn woven around the hose throughout the length with the warp ends interwoven with the weft yarn covering the filler yarns.
- Warp yarns of both inner and outer jackets shall be ring spun, 8 ply, 1000 denier with a total pick count of 9 picks per inch with tensile strength of 45 lbs. The uses of any other type, style, ply or size yarn is expressly forbidden and will not be considered as meeting specifications.

- Filler yarns of both the inner and outer jackets shall be 100% high tenacity filament polyester designed, developed, and processed for fire hose jacket filler yarns. These filament polyester yarns shall be free of unsightly defects that may affect the service ability of the finished hose. The ring spun, circular woven warp ends must completely cover and protect the filament polyester filler yarns.
- The inner jacket must be of reverse twill weave, to allow for a smooth liner.
- The rubber lining shall be made from a single ply extruded tube, lap-jointed and vulcanized into one unitized body, uniform in thickness throughout its length. The rubber in the liner and the backing shall be compounded from natural rubber, synthetic or mixture of the two. TPU shall not be used in the composition of the liner.
- The thickness of 1 3/4" minimum shall be .040". The finished lining (waterway) shall be perfectly free from any corrugations, pitting, or rough texture of the inner jacket weave, causing excessive friction loss.
- Tensile strength shall be no less than 1200 psi.
- Adhesion between lining and backing and between backing and jacket shall be such that the rate of separation of a 1 1/2" wide strip of lining or backing under a load of 18 lbs. shall not be greater than 1 inch per minute.
- Classic Frontline Victory 1 3/4" hose shall deliver a minimum of 180 gpm through a 15/16 inch tip at 48 psi. At 100 gpm, a 100' lay of hose should only produce a maximum friction loss of 15 psi.
- Kink resistance is enhanced by the special ring spun yarn used in both inner and outer jackets and the .040 inch thickness of the liner.
- Identification tracer stripes shall be one red and one blue woven yarn into the outer jacket running the entire length of the hose.
- Weight of coupled 1 3/4" x 50' is 21 lbs.; Proof test pressure is 800 psi, service test pressure is 400 psi, and burst test pressure is 1200 psi.
- When specified, WEAR GUARD protective color coating completely encapsulates the jacket fibers rather than merely coating the surface. This specifically developed impregnated treatment enhances abrasion resistance by four times, improves heat resistance, and reduces water absorption. It also increases resistance to petrochemicals, bacterial and mildew growth. High visibility, impact colors are resistant to fading.
- The hose service temperature range shall be -60 degrees F to 150 degrees F.
- FM abrasion test of 15,000 cycles and Taber abrasion test of 5,000 cycles minimum.
- At 800 PSI, the hose elongation shall not exceed 10% of the initial hose length; it shall not warp more than 20 inches and should not rise from the test table.
- The hose shall not twist more than 2 1/2 turns per 50 feet while at 800 PSI.
- Minimum service test pressure of 400 PSI.
- Minimum proof test pressure of 800 PSI.
- Minimum straight burst test pressure of 1200 PSI.
- Couplings shall be Hardcoat aluminum and Couplings shall be attached to hose using two expansion rings (double-ringed) on both female and male ends.

FIREQUIP CLASS VICTORY HOSE PERFORMANCE AND WEIGHT CHART					
HOSE SIZE	PROOF TEST PRESSURE (psi)	SERVICE TEST PRESSURE (psi)	BURST TEST PRESSURE (psi)	COUPLING BOWL SIZE (in)	WEIGHT PER 50' UNCOUPLED
1 3/4"	800	400	1200	2-3/16"	21

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