

# **FIREQUIP™**

## **SPECIFICATION SHEET**

### **SINGLE JACKET**



## **FIREQUIP SINGLE JACKET INDUSTRIAL FIRE HOSE SPECIFICATION SHEET**

### Quality

The fire hose to be supplied under this specification is a premium quality, single jacket industrial fire hose. All materials used in the fabrication of the hose shall be of the best quality commercially available.

### Service Life

The fire hose furnished under the terms of this proposal has a potential service life of one year, barring mistreatment or accidental damage that would render the hose unfit for service. Upon delivery, the fire hose shall be in first-class condition free from defects in workmanship and materials. The supplier shall provide replacement of any such hose as may be defective without any charge whatsoever to the purchaser.

### **CONSTRUCTION**

*Outer Jacket	100% High Tenacity Polyester – Single Jacket
*Liner	Extruded Synthetic EPDM Rubber
*Protective Coating	WearGuard
*Stock Color	White
*Non Stock Colors	Made to Order – Minimum Order - Yellow, Red, Orange, Blue, Green, Tan

### **APPLICATIONS**

- \* Utilities
- \* Mill Discharge
- \* Underground Mine Fire Fighting
- \* Shipboard
- \* Wash Down and Maintenance
- \* In-Plant Fire Protection
- \* General Industrial and Construction Use

### **PERFORMANCE FEATURES**

- \*Premium Quality Long Wearing Hose
- \* Tightly Woven Spun Polyester Yarns for Superior Abrasion Resistance
  - \* Longer Service Life
- \* Mildew, Chemical and Scuff Resistant
  - \* FM Approved
- \*One Year Warranty

### **TECHNICAL INFORMATION**

#### Jacket Construction

The single jacket will be woven evenly and be free of defects, including knots lumps or unsightly disfigurations that could jeopardize the integrity of the hose assembly. The warp yarn shall consist of staple polyester yarn. The use of filament or entangled yarn is expressly forbidden due to the lack of inherent abrasion resistance. The filler yarns shall be constructed of high strength, low elongation, filament polyester to reduce weight and increase flexibility.

### Lining

The lining shall be a single-ply extruded tube of synthetic polyurethane based material to resist ozone. This material shall adhere to the jacket by vulcanization process to prevent delaminating and/or hydrolysis. Neoprene or other rubber products that give off chlorine or other toxic gases shall not be acceptable.

### Hydrostatic Testing

Hydrostatic tests shall be conducted on hose equipped with the couplings to be delivered in accordance with NFPA 1961. Each length of hose is to be subjected to a hydrostatic proof test pressure on 500 psi for at least 15 seconds and not more than 1 minute. Higher test pressures which may weaken the hose are expressly forbidden. Service test pressure shall pass 250 PSI. Curve and straight burst testing shall 900 PSI. All testing shall be in accordance with NFPA 1962.

### Couplings

Internal expansion ring threaded couplings or as required by purchaser.

### Method of Testing

All measurements and tests to determine compliance of the fire hose with the specified requirements shall be made in accordance with ASTM D 380-87, "Standard Test Methods for Rubber Hose", except otherwise specified. All tests shall be conducted at the point of manufacture, or at a laboratory equipped for such testing. All tests shall be performed as specified in NFPA 1961 (Current Edition). Hydrostatic tests shall be conducted under controlled conditions employing equipment capable of supplying a uniform pressure.

### Warranty

The manufacturer 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

## **FIREQUIP SINGLE JACKET PERFORMANCE AND WEIGHT CHART**

<b>Hose Size</b>	<b>Proof Test Pressure (psi)</b>	<b>Service Test Pressure (psi)</b>	<b>Burst Test Pressure (psi)</b>	<b>Coupling Bowl Size</b>	<b>Weight per 50' Uncoupled</b>
1 ½"	500	250	900	1-3/4"	13 lbs
2 "	500	250	900	2-1/16"	14 lbs
2 ½"	500	250	900	2-7/8"	22 lbs
3"	400	200	600	3-11/16"	29 lbs

**Website: [www.firequip.com](http://www.firequip.com) • Mailing Address: P.O. Box 2598 Burlington, NC 27216**

**Toll Free 1-800-334-6823 • Phone: 336-227-0123**