The standard in double jacket construction, combining 100% premium ring spun and filament polyester fibers over a heavy wall, ozone resistant, EPDM rubber liner. The outer jacket is mildew resistant and available with our iconic “Key-Lok” polyurethane based polymer impregnation for maximum abrasion and moisture resistance. Rugged, easy to handle and preferred by metro cities across the US and Canada — available in exclusive FDNY Spec with 1.88” inside diameter and heavier construction. This reliable, double jacket fire hose is UL Listed, tested to 600 and 800 psi and meets MIL-H-24606 latest edition. Features a 10-year warranty and lifetime liner delamination guarantee.
**Abrasion**

Hose assemblies shall be available with the special "Key-Lok" polyurethane based polymer impregnation for added abrasion resistance and ease in identification purposes. Impregnated hose shall meet the requirements of MIL-H-24606 latest edition for abrasion resistance. NFPA colors may be specified by the end-user. A double dip process for twice the abrasion resistance is available upon request.

**Lining**

The rubber lining shall be a single-ply extruded tube of synthetic EPDM compounded to resist ozone. The finished form shall be free of pits or other imperfections and have a smooth finish with a minimum wall thickness of 0.040". No reclaimed rubber shall be used. Plastic tubes that sacrifice durability of the hose life for the sake of weight are not acceptable. FDNY Lining is constructed with an ultra smooth oversized rubber liner to reduce friction loss. Tensile Strength, Ultimate Elongation and Adhesion: Shall meet the standards of Underwriters Laboratories, Inc. as well as all other properties of UL-19 for rubber lined hose. A valid UL/ULC Underwriters inspection procedure shall be in force.

**Couplings**

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

**Performance**

The minimum burst test pressure, when tested in accordance to NFPA 1961, on all Big-10 diameters up to 3" shall be 1200 psi / 82 bar. Minimum burst test requirements for 3.5" diameter shall be 900 psi / 62 bar. Service test pressures stenciled on the hose shall be in accordance with current minimum requirements of NFPA 1962. A valid UL/ULC Underwriters listing shall be in force. Lengths available up to 100'.

**Standards**

Fire hose manufactured to this specification shall meet or exceed all performance requirements of NFPA 1961, Underwriters Laboratories and MIL-H-24606 latest edition standards.

**Colors**

- Clear Coat
- Red
- Yellow
- Blue
- Green
- Orange
- Black
- Tan

NFPA colors available

Key Hose reserves the right to modify any specification without prior notice to meet or exceed changing standards. For more information please contact a Key Hose authorized distributor.  
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