Ultra light, double jacket construction, utilizing high strength ring spun and filament polyester fibers to deliver a highly abrasion resistant lightweight attack hose. A dependable, polyurethane lining eliminates ozone deterioration while maintaining lightweight integrity of the hose. The outer jacket is mildew resistant and available with iconic “Key-Lok” polyurethane based polymer impregnation for additional abrasion and moisture resistance. A proprietary reverse twill weave construction reduces friction loss, while ensuring the hose is lighter and easier to maneuver. Key-Lite liner material meets NSF (National Sanitation Foundation) Standard 61 for potable water. This reliable, double jacket fire hose is tested to 600 and 800 psi and meets MIL-H-24606 latest edition. Features a 5-year warranty against liner delamination.
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 lining shall be a single-ply extruded tube of synthetic polyurethane to resist ozone. The polyurethane tube shall adhere to the jacket to prevent delamination. The finished lining will meet MIL-H-24606 and NSF-61 standards for potable water use hose. The use of the polyurethane lined fire hose is designed to increase packing ability and reduce weight for fire fighting applications where lightweight fire hose is desired.

Couplings
Key-Lite 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 Key-Lite diameters up to 3” shall be 1200 psi / 82 bar. Minimum burst test requirements for 4” 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. Lengths available up to 100’.

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

Colors
NFPA colors available