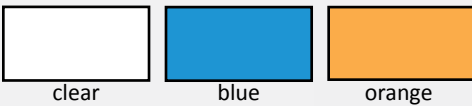


Mil - S p e c

heavy duty double
jacket attack hose

- 100% synthetic all polyester double jacket
- 100% mildew resistant
- Heavy wall EPDM rubber liner or Polyurethane liner NSF-61 Compliant
- MIL-H-24606 first article tested and approved
- ZZ-H-451-G Compliant
- 10 year warranty

Type 3 Class A Compliant
contact us for MIL NSN cross reference



KEY HOSE

"The Hose Company"

www.keyhose.com

Scope: Hose manufactured to this specification shall be of superior quality and workmanship. The hose shall withstand the rough usage of front line fire fighting. Hose specified, shall meet NFPA 1961 standards. For North American customers, due to lack of verification of adherence to NFPA 1961 standards, import hose shall not be accepted. Hose furnished under these specifications will have a potential service life and warranty of 10 years, barring mistreatment that would render it unfit for service. Upon delivery the hose shall be free from defects in materials and workmanship. Hose manufactured to this specification is designed to be Berry Amendment Compliant.

Jacket Construction: Double jacket hose manufactured to this specification shall be tightly woven with filament polyester yarn in the filler and ring spun polyester yarn in the warp of both the inside and outside jackets. The hose shall be resistant to most chemicals and petrol products, and resist deterioration due to exposure to UV-rays and ozone. It shall not be affected by rot or mildew. The inside and outside jackets shall be manufactured with a minimum pick count of 9.5 picks per inch for increased strength and abrasion resistance. The inside jacket shall be manufactured using a reverse twill process to reduce friction loss. The inside jacket shall be manufactured on a circular loom in a clockwise direction and the outside jacket in a counter-clockwise direction. The hose must be of sufficient body and weight to meet the demands of heavy-duty fire fighting usage.

Abrasion Impregnation: Hose assemblies shall be available with the special "Key-Lok" polyurethane based polymer impregnation for added abrasion resistance and ease in identification. Impregnated hose shall meet the requirements of MIL-H-24606B for abrasion resistance. The color of the outer jacket shall approach color chip 22510 of FED-STD-595. No color variation which approached another chip shall be permitted.

Lining: The liner shall be a single ply, synthetic high tensile EPDM rubber or a polyether based urethane to meet NSF-61 drinking water standards. The liner shall be free from dirt, blisters, and other imperfections. Inside surface shall be smooth and free from corrugations. Lining thickness shall be as specified by MIL-H-24606 minimum standards. The adhesion between the liner and the jacket shall be such that the rate of separation of a 1.50" strip of lining, transversely cut, shall not be greater than 1" per minute under a 12 pound weight.

Performance: The minimum burst test pressure on all MILH diameters shall be 900 PSI/62 Bar. Service test pressures stenciled on the hose shall be in accordance with current minimum requirements of MIL-H-24606. A valid USA/ULC Underwriters 800 PSI/55 Bar listing shall be in force.

Standards: Fire hose manufactured to this specification shall meet and exceed all performance requirements of NFPA 1961, Underwriter's Laboratories and MIL-H-24606 standards.

Couplings: Unless otherwise specified, each length of hose shall be fitted with a set of cast of forged brass couplings. Couplings shall conform to TYPE A, Style 1 or WW-C-621 Federal Standards.

Key Hose reserves the right to modify any specification without prior notice to meet or exceed changing standards. Customers are advised special diameters or construction characteristics may be produced by special request. For more information please contact a Key Hose authorized distributor.

*UL Listed

Performance

Size	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight/ft. Uncoupled
*1 1/2"	DP15-600	300 psi	600 psi	900 psi	1 15/16"	.34 lbs.
1 1/2"	DP15-600PU	300 psi	600 psi	900 psi	1 15/16"	.28 lbs.
*1 3/4"	DP17-600	300 psi	600 psi	900 psi	2 1/8"	.38 lbs.
*2 1/2"	DP25-600	300 psi	600 psi	900 psi	3"	.54 lbs.
2 1/2"	DP25-600PU	300 psi	600 psi	900 psi	3"	.46 lbs.
*4"	DP40-600	300 psi	600 psi	900 psi	4 1/2"	1.0 lbs.