

# MIL-SPEC

HEAVY DUTY RUBBER LINED HOSE



MADE IN  
USA



## THIS IS KEY

Superior double jacket construction, combining 100% premium polyester filament fibers over a heavy wall, ozone resistant, EPDM rubber liner or NSF-61 compliant polyurethane liner. The outer jacket is mildew resistant and available with our special "Key-Lok" polyurethane based polymer impregnation for maximum abrasion and moisture resistance. Rugged, easy to handle and built to withstand every changing environments. This dependable, double jacket hose is UL Listed\*, tested to 600 psi and meets MIL-H-24606 latest edition. Features a 10-year warranty and lifetime liner delamination guarantee.

**KEY HOSE**

DOUBLE JACKET INDUSTRIAL HOSE



# DOUBLE JACKET ATTACK HOSE

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### HEAVY DUTY RUBBER LINED ATTACK HOSE

Diameter	Part No.	Service Test	Proof Test	Burst Test	Bowl Size	Weight Uncoupled
*1½"	DP15-600	300 psi	600 psi	900 psi	1 <sup>15</sup> / <sub>16</sub> "	0.34 lbs/ft
1½"	DP15-600PU	300 psi	600 psi	900 psi	1 <sup>15</sup> / <sub>16</sub> "	0.28 lbs/ft
*1¾"	DP17-600	300 psi	600 psi	900 psi	2 <sup>1</sup> / <sub>8</sub> "	0.38 lbs/ft
*2½"	DP25-600	300 psi	600 psi	900 psi	3"	0.54 lbs/ft
2½"	DP25-600PU	300 psi	600 psi	900 psi	3"	0.46 lbs/ft
*4"	DP40-600	300 psi	600 psi	900 psi	4½"	1.0 lbs/ft

\*UL Listed

#### 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 or exceed NFPA 1961 standards. 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

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-24606 latest edition for abrasion resistance.

#### 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 1½" strip of lining, transversely cut, shall not be greater than 1" per minute under a 12 pound weight.

#### Couplings

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

#### 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 latest edition. \*A valid UL/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 latest edition standards.

#### Colors

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.



Clear Coat



Blue



Orange



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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