



# FIRE HOSE

all be of superior quality and workmanship. The hose shall withstand of front-line firefighting, and other discharge applications.

**SYNTHETIC, ALL-POLYESTER DOUBLE JACKET**

**MILDEW RESISTANT**

**HEAVY-WALL EPDM RUBBER LINER OR POLYURETHANE LINER, NSF-61 COMPLIANT**

**AVAILABLE IN WHITE, BLUE, AND ORANGE**

**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 firefighting usage.

**Abrasion Impregnation:** Hose assemblies shall be available with the special polyurethane-based polymer impregnation for added abrasion resistance and ease in identification.

**Lining:** The liner shall be a single-ply, synthetic, high-tensile EPDM rubber or a polyether-based urethane. The liner shall be free from dirt, blisters, and other imperfections. Inside surface shall be smooth and free from corrugations. 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 diameters shall be 900 PSI/62 Bar.

**Couplings:** Unless otherwise specified, each length of hose shall be fitted with a set of cast or forged brass couplings.

I.D.	SERVICE TEST	PROOF TEST	BURST TEST	BOWL SIZE	WEIGHT / FT
1 1/2"	300 psi	600 psi	900 psi	1 15/16"	.34 lbs
1 3/4"	300 psi	600 psi	900 psi	2 1/8"	.38 lbs
2 1/2"	300 psi	600 psi	900 psi	3"	.54 lbs
4"	300 psi	600 psi	900 psi	4 1/2"	1.0 lbs