



**100% SYNTHETIC CONSTRUCTION
THERMOPLASTIC LINED
FORESTRY FIRE HOSE
300 PSI SERVICE TEST PRESSURE (2070 Kpa)
SIZES: 1", 1 1/2".**

HWF-600

SCOPE

QUALITY: The forestry hose to be supplied under this specification shall be a premium quality, lightweight, flexible, twill woven single jacket, abrasion resistant fire hose designed for Forestry Fire Service.

HOSE CONSTRUCTION

A. JACKET: The jacket shall be twill woven from high tenacity Polyester yarns to maintain flexibility but insure a high strength to weight ratio. The filler yarn shall be specially twisted to achieve maximum strength.

B. LINING: The thermoplastic lining shall be a single-ply-extruded tube, compounded to totally eliminate deterioration by Ozone or other environmental pollutants.

The tensile strength of the lining material shall be not less than 2500 PSI.

Lining shall be smooth and free of imperfections to maximize water flow.

C. HOSE: Hose shall be resistant to hydrolysis, mildew, mold, environmental pollutants, and most oil and chemicals. Hose shall remain flexible down to -65°F (55°C).

HYDROSTATIC TESTS

HOSE SIZE (I.D.)	SERVICE TEST PRESSURE	ACCEPTANCE TEST PRESSURE	MINIMUM BURST PRESSURE
1" 26mm	300 PSI 2070 kPa	600 PSI 4140 kPa	900 PSI 6210 kPa
1 1/2" 38mm	300 PSI 2070 kPa	600 PSI 4140 kPa	900 PSI 6210 kPa

HOSE WEIGHT AND COIL DIAMETER

HOSE SIZE (I.D.)	BOWL SIZE	WEIGHT UNCOUPLED (LBS)			COIL DIAMETER (INCHES)		
		50'	75'	100'	50'	75'	100'
1" 26mm	1 5/32"	3.7	5.6	7.4	10	13.0	14
1 1/2" 38mm	1 11/16"	6.0	9.0	12.0	11	13.5	15

STANDARDS: Forestry Fire hoses manufactured under this specification shall meet or exceed or the performance requirements of N.F.P.A. Standard 1961 (2002), and U.L. Standard 19. Hose must also meet all the performance requirements of U.S. Forest Service Specification F 187 (latest edition).

COATING: When requested the hose shall be treated with Highwater Technolac coating to maximize abrasion resistance and minimize water absorption.