HighWater Hose Inc.

100% SYNTHETIC CONSTRUCTION
DOUBLE JACKET FIRE HOSE
300 PSI SERVICE TEST PRESSURE (2070 Kpa)
SIZES: 1 ½", 1 ¾", 2", 2 ½", 3".

Sep 2002

HWD-600

SCOPE

QUALITY: The fire hose to be supplied under this specification shall be a high quality, lightweight, flexible, double jacket, abrasion resistant municipal fire hose designed for ease of handling.

HOSE CONSTRUCTION

A. JACKETS: The yarns in both jackets shall be high strength, filament polyester. The warp yarn shall be multifilament for the inner jacket and high abrasion resistant spun yarn for the outer. The filler yarn shall be specially twisted for both jackets to achieve maximum strength.

B. LINING: The 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 1500 PSI.
Lining shall be smooth and free of imperfections to maximize water flow.

C. HOSE: Hose shall be constructed of materials, which are resistant to mildew, mold, environmental pollutants, most oil and chemicals. Hose shall remain flexible down to -35°F.

HYDROSTATIC TESTS

HOSE SIZE (I.D.)	SERVICE TEST PRESSURE	ACCEPTANCE TEST PRESSURE	MINIMUM BURST PRESSURE
1 ½" 38mm	300 PSI 2070 kPa	600 PSI 4140 kPa	900 PSI 6210 kPa
1 ¾" 45mm	300 PSI 2070 kPa	600 PSI 4140 kPa	900 PSI 6210 kPa
2" 52mm	300 PSI 2070 kPa	600 PSI 4140 kPa	900 PSI 6210 kPa
2 ½" 65mm	300 PSI 2070 kPa	600 PSI 4140 kPa	900 PSI 6210 kPa
3" 76mm	300 PSI 2070 kPa	600 PSI 4140 kPa	900 PSI 6210 kPa

HOSE WEIGHT AND COIL DIAMETER

HOSE SIZE (I.D.)	AVERAGE WEIGHT* 50' U/C	AVERAGE COIL DIAMETER 50' COUPLED
1 ½" 38mm	16.0 lbs	20.5"
1 ¾" 45mm	17.0 lbs	21"
2" 52mm	22.0 lbs	21"
2 ½" 65mm	29.0 lbs	21"
3" 76mm	37.0 lbs	24"

***LIGHTWEIGHT ALUMINUM COUPLINGS**

STANDARDS: Fire hoses manufactured under this specification shall meet or exceed or the performance requirements of N.F.P.A. Standard 1961 (2002), U.L. Standard 19 and F.M. Standard Class # 2111 (1999).
COATING: When requested the hose shall be treated with Highwater Technolac coating to maximize abrasion resistance and minimize water absorption.

285 St Jean St West, East Angus, Quebec Canada J0B 1RO Tel: (819)-832-4310 Fax: (819)-832-4340.