HighWater Hose Inc.

100% SYNTHETIC CONSTRUCTION
ELASTOMER LINED
INTERIOR STANDPIPE FIRE HOSE
250 PSI SERVICE TEST PRESSURE (1725 Kpa)
SIZES: 1 ½", 2 ½".

HPR-500

SCOPE

QUALITY: The fire hose to be supplied under this specification shall be a high quality, lightweight, flexible, single jacket, Industrial fire hose designed for interior standpipes .

HOSE CONSTRUCTION

A. JACKET: The jacket shall be woven from high tenacity Polyester yarns to maintain flexibility but insure a very high strength to weight ratio. The filler yarn shall be specially twisted to achieve maximum strength.
B. LINING: The Elastomeric 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 2000 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 -60°F (- 52°C)

HYDROSTATIC TESTS

HOSE SIZE (I.D.)	SERVICE TEST PRESSURE	ACCEPTANCE TEST PRESSURE	MINIMUM BURST PRESSURE
1 ½" 38mm	250 PSI 1725 kPa	500 PSI 3450 kPa	750 PSI 5175 kPa
2 ½" 65mm	250 PSI 1725 kPa	500 PSI 3450 kPa	750 PSI 5175 kPa

HOSE WEIGHT AND COIL DIAMETER

HOSE SIZE	BOWL SIZE	WEIGHT UNCOUPLED (LBS)			COIL DIAMETER (INCHES)		
(I.D.)		50'	75'	100'	50'	75'	100'
1 ½" 38mm	1 11/16"	5.30	7.90	10.60	10.5	12.5	14.5
2 ½" 65mm	2 11/16"	12.25	18.40	24.50	11.5	13.5	15.25

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 219 and F.M. Standard Class # 2111 (1999).

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