



**NORTH AMERICAN
FIRE HOSE
CORPORATION**

The difference is...your margin of safety

PR-500™

**SPECIFICATION FOR
1½" & 2½"**

**100% SYNTHETIC
THERMOPLASTIC LINED**

**SINGLE JACKET RACK and REEL
NAFH POLY-RACK 500™**

NORTH AMERICAN FIRE HOSE

FIRE HOSE SPECIFICATION

100% SYNTHETIC THERMOPLASTIC LINED

SINGLE JACKET RACK and REEL NAFH POLY-RACK 500™

SIZE: 1½", 2½"

SCOPE: The fire hose supplied under this specification shall be a premium quality, abrasion resistant, lightweight, designed for prolonged storage and extended service life. This single hose shall be 100% synthetic and totally immune to deterioration by the effects of mildew. The hose shall be designed for use in conjunction with pin racks, reels, hump racks, cabinets and other storage devices. This fully lined fire hose must fit into the same space or less than unlined linen fire hose.

JACKET CONSTRUCTION: The jacket shall be produced from 100% synthetic yarns, free from knots and lumps, and be suitable in all respects for the manufacture of high quality fire hose.

LINING: The thermoplastic liner shall be a single ply extruded tube, compounded to totally eliminate deterioration by ozone. The finished hose shall have a smooth bore. No reclaimed material shall be used.

The tensile strength of the lining shall be not less than 2000 PSI. The elongation shall not be less than 500%. The adhesion between the liner and the jacket shall be such that a weight of 12 pounds shall not move a 1½" strip cut transversely, more than 1" per minute, during a ten minute period.

HYDROSTATIC TESTS: All hydrostatic tests shall be in accordance with NFPA 1961 Latest Edition, (Standard for Fire Hose), for a 500 PSI Proof Test Pressure Fire Hose.

HOSE DATA CHART:

HOSE SIZE	SPEC. NO.	PROOF TEST	SERVICE TEST	WT. 50' COUPLED*
1½"	PR-500**	500 PSI	250 PSI	6 LBS.
2½"	PR-500	500 PSI	250 PSI	15 LBS.

*Coupled cast brass.

**Available with Factory Mutual and Underwriter's Label.

LENGTHS: Hose offered on this specification is available in 50 Ft., 75 Ft., 100 Ft., 125 Ft., and 150 Ft. lengths

MARKINGS: Each hose assembly shall be marked in accordance with NFPA 1961 Latest Edition.

SERVICE LIFE: NAFH PR-500 shall be delivered in new and first class condition and shall be guaranteed for a period of one year, from date of purchase, against failure in workmanship and materials. Hose to have failed in these areas will be replaced at no charge to the purchaser.