



**NORTH AMERICAN
FIRE HOSE
CORPORATION**

The difference is...your margin of safety

IA-800™

SPECIFICATION FOR

1½", 1¾", 2", 2½" & 3

DOUBLE JACKET INDUSTRIAL FIRE HOSE

100% POLYESTER CONSTRUCTION

PLAIN WHITE

OR

ULTRA-SHIELD™ IMPREGNATED OUTSIDE JACKET

LIGHTWEIGHT *Friction Fighter*™ RUBBER LINER

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NORTH AMERICAN FIRE HOSE

FIRE HOSE SPECIFICATION

100% SYNTHETIC RUBBER LINED

DOUBLE JACKET INDUSTRIAL ATTACK-800™

SIZES: 1-½", 1-¾", 2", 2-½" & 3"

SCOPE: The hose manufactured under this specification shall be a premium quality, abrasion resistant, double jacket industrial fire hose. The hose shall be designed for prolonged storage devices such as hump racks, reels and hose houses. The intended use is for emergency fire protection including fighting fires beyond the incipient stages, and should only be removed from the storage devices for this application and for NFPA 1962 recommended servicing.

Jacket Construction: The warp and filler yarns shall be of adequate number, size and strength to meet the entire hydrostatic requirement of this specification. The warp yarn in both the inner and outer jackets shall be constructed with a superior grade of spun polyester yarn. The filler yarn in both jackets shall be high tensile strength, low elongation Dacron filament polyester yarn.

The outside and inside jacket fit is critical to the finished hose. After the initial proof test pressure, there shall be no excess outer jacket bagginess. The jackets must fit snugly inside one another under zero pressure or under proof and service test pressures.

LINING: The lining shall be a single ply extruded from synthetic rubber, compounded to resist ozone and provide extended storage life. No reclaimed rubber shall be used. The sulfur content shall not exceed 1%. The liner thickness shall be not less than .040" nor greater than .049". The shore hardness shall not exceed 50 ± 5. The rubber backing shall not exceed .028" in thickness. The tensile strength of the lining shall not be less than 1200 PSI. The elongation shall not be less than 400%. The adhesion between the liner and the jacket shall be such that a weight of 12 pounds shall not move a 1-½" strip of the liner, cut transversely, more than 1" per minute in a 10 minute period.

HYDROSTATIC TEST: All hydrostatic tests shall be in accordance with NFPA 1961 (Latest Edition) (Standard for Fire Hose), for 800 PSI Proof Test Pressure Fire Hose.

HOSE DATA CHART:

HOSE SIZE	SPEC. NO.	PROOF TEST	SERVICE TEST	WT. 50' COUPLED*
1-½"	IA-800-D **	800 PSI	400 PSI	18 LBS.
1-¾"	IA-800-D	800 PSI	400 PSI	21 LBS.
2"	IA-800-D	800 PSI	400 PSI	24 LBS.
2-½"	IA-800-D**	800 PSI	400 PSI	36 LBS.
3"	IA-800-D	800 PSI	400 PSI	44 LBS.

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

***Coupled with lightweight Aluminum Couplings.**

LENGTH: Hose offered on this specification is available in lengths up to 100'.

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

SERVICE LIFE: NAFH IA-800-D 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 purchaser.