



NATIONAL PETROCHEMICAL COMPANY STANDARDS

MATERIAL STANDARD FOR FIRE HOSES & ACCESSORIES

NPCS-MS-GC-05

REVISION : 0

DECEMBER 1992



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1 SCOPE

This standard describes the requirements of type, shape, dimensions, material and testing for fire fighting hoses, couplings, water spray nozzles, binding equipment adaptors and breeching, etc., required to be installed in an industrial complex.

2 STANDARDS AND CODES

NFPA	National Fire Protection Association.
NFPA 1'1.90	Stand Pipe and Hose System.
BSI	British Standard Institute.
BS 3165	Specification for Rubbers Plastics Suction Hoses and Hose Assemblies for Fire Fighting Purposes.
BS 3169	Specification for First Aid Reel Hoses for Fire Fighting Purposes.
BS 5306	Specification for Hydrant Systems, Hose Reels & Foam Inlets.
BS 336	Specification for Fire Hose .

3 FIRE HOSE AND REELS

3.1 CONSTRUCTION

- 3.1.1 Fire fighting hoses are normally used of diameter 65 mm (2 1/2") and diameter 38 mm (1 1/2").
- 3.1.2 The length of hose shall be 25 m measured from back to back of couplings.
- 3.1.3 Hose shall have male & female coupling on both the ends conforming to BS 336.

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