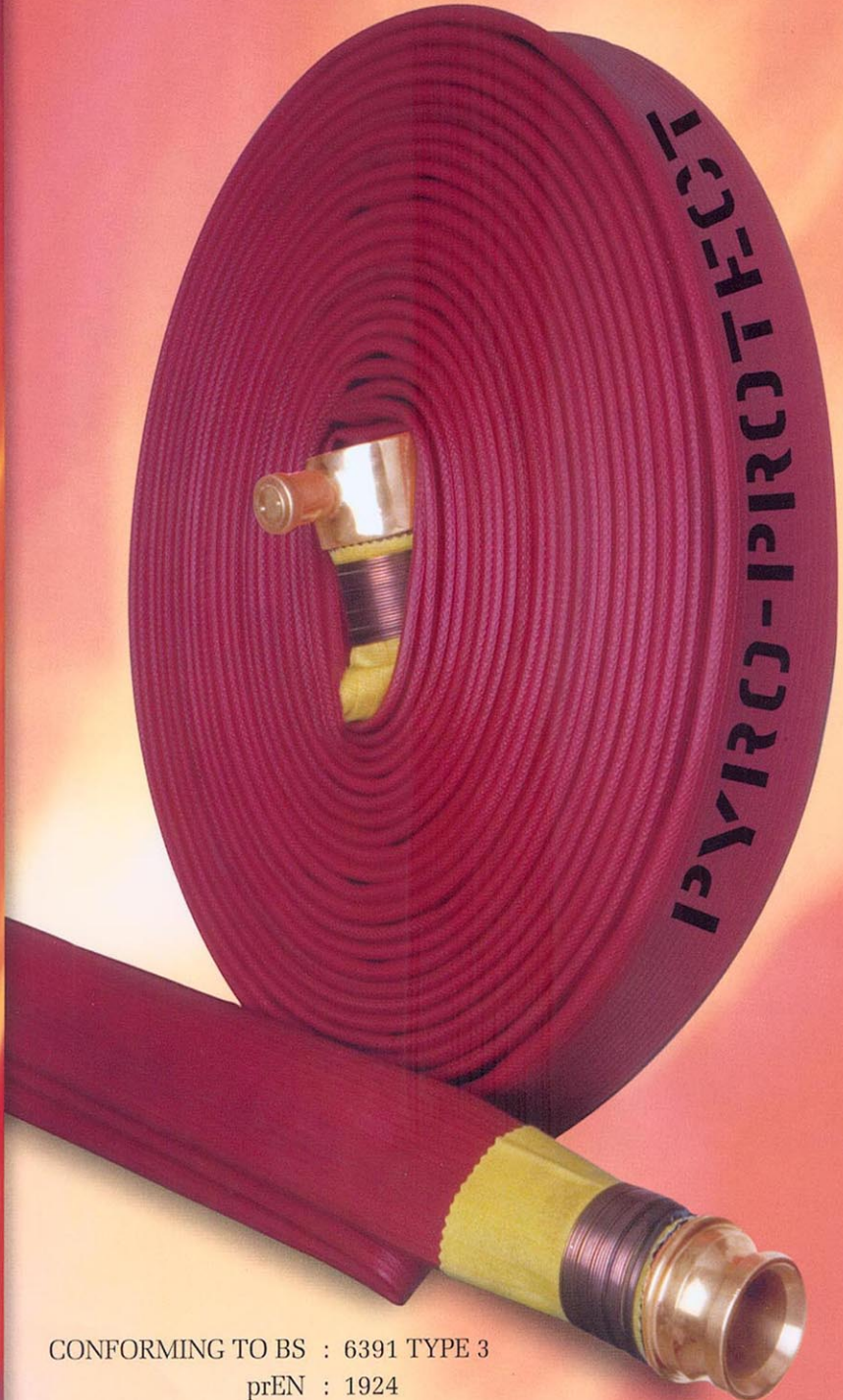
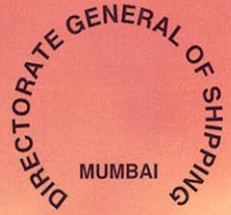


# PYROPROTECT



CONFORMING TO BS : 6391 TYPE 3  
prEN : 1924  
UL : 19

# PYROPROTECT



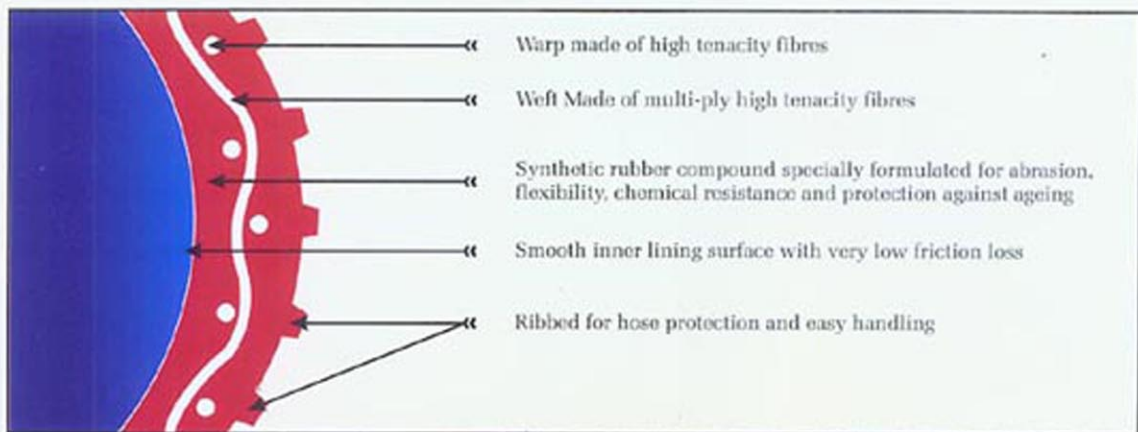
## PYROPROTECT EXTRUDED HOSE

HIGH PERFORMANCE, TOP QUALITY, EASY TO DEPLOY, PROVIDING RESISTANCE TO :

- Heat
- Kinking
- Abrasion
- Oils
- Chemicals
- Ultra Violet
- Ozone
- De-lamination

### DESCRIPTION :

Smooth Inner Unified Lining Of Specially Formulated Polymer, With High Tenacity Synthetic Fibre Circular Woven Seamless Reinforcement, Totally Encapsulated In All Synthetic Specially Formulated Polymer, Extruded, Ribbed Cover.



### APPLICATIONS :

(a) Petroleum Refineries (b) Petrochemical Complexes (c) Oil & Gas Exploration & Storing Facilities (d) Power Generation & Distribution (e) Fertiliser Plants (f) Atomic Energy Establishments (g) Ports & Docks (h) Airports (i) Shipping (j) Defence Establishments (k) State & Municipal Fire Brigades (l) Multi Storeyed Commercial Complexes etc.

### COLOURS :

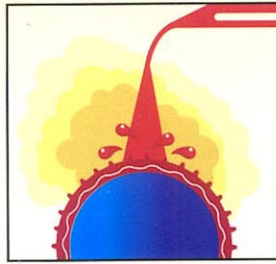
- STANDARD : • REDDISH BROWN
- OPTIONS : • BLACK • BLUE • YELLOW





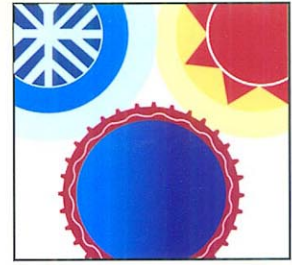
### TOUGH

The special compound of the rubber cover and its profiles, protect the hose from damage by abrasion, hot metal contact, puncture & impact. Can withstand continual flexing without lining or cover delamination.



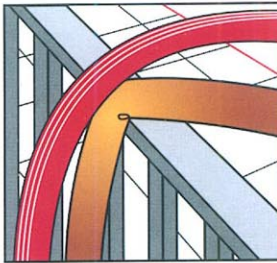
### CHEMICAL RESISTANCE

PYROPROTECT is manufactured to resist a wide range of chemical products : oils, hydrocarbons, acids, alkalis, salt water, etc. (See chemical resistance table).



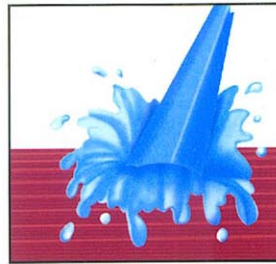
### WEATHER RESISTANCE

Outstanding performance at extreme temperatures -37°C+50°C. Protected against ozone, ultraviolet and atmospheric weathering.



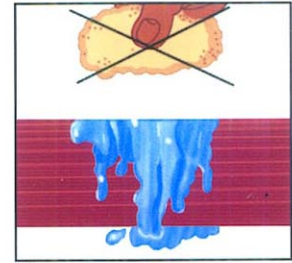
### SAFE WATER FLOW

PYROPROTECT is superior to double jacket constructions in kink and flow performance, even at low pressures.



### EASILY CLEANED

A quick wipe down is sufficient to remove dirt and grit. If necessary, it can be jet washed with detergent to remove chemicals, etc.



### NO DRYING

No need to dry the hose. PYROPROTECT is mildew, rot and water resistant. Just clean and coil and the hose is ready for service again

## TECHNICAL DATA

	Diameter mm. Inches	38	45	50	63	70	76	100
		1.½	1.¾	2	2.½	2.¾	3	4
Burst Pressure : kg/cm <sup>2</sup>		50	50	50	50	50	42	38
Proof Pressure : kg/cm <sup>2</sup>		25	25	25	25	25	21	19
Kink Pressure : kg/cm <sup>2</sup>		25	25	25	25	25	21	19
Working Pressure : kg/cm <sup>2</sup>		17	17	17	17	17	15	15
30m. Length Coil dia : cm		55	55	55	55	55	60	60
Mass per meter : gm		320	370	425	500	600	650	950
Abrasion Resistance : Cycles		200	200	200	200	200	200	200
Heat Resistance : Sec.		20	20	20	20	20	20	20
Maximum Length - 60 metres								



# PYROPROTECT



# PYROPROTECT

## Chemical Resistance of Pyroprotect Fire Hose

### CHEMICAL RESISTANCE OF PYROPROTECT FIRE HOSE

THE FOLLOWING TABLE LISTS SOME COMMON CHEMICAL PRODUCTS TO WHICH PYROPROTECT WITHSTANDS CONTACT IN NORMAL FIRE CONDITIONS.

#### ACIDS

- Acetic 30% • Boric • Citric • Hydrochloric Concentrated • Hydrochloric Diluted 20%
- Hydrochloric Traces in Water • Nitric Diluted 20% • Nitric Traces in Water • Oleic • Palmitic
- Phosphoric 40% • Phosphoric Traces in Water • Stearic • Sulphuric Diluted 20%
- Sulphuric Traces in Water

#### ALCOHOLS

- Butyl Alcohol • Benzyl Alcohol • Ethanol • Glycerol • Methanol • Methyl Alcohol
- Propyl Alcohol • Thylene Glycol

#### ALKALIS

- Ammonium Hydroxide 50% • Ammonium Hydroxide Traces in Water • Calcium Hydroxide
- Potassium Hydroxide 50% • Potassium Hydroxide Traces in Water • Sodium Hydroxide Dilute 50%
- Sodium Hydroxide Dilute 20% • Sodium Hydroxide Dilute Traces in Water

#### HYDROCARBONS

- Benzol • Butane • Cyclohexane • Hydraulic Oils • Hexane • Kerosene • Naphta • Pentane
- Petrol (Less Than 25% Aromatics) • Toluene • Toluol

#### ACID SALTS

- Ammonium Nitrite • Copper Sulphate • Zinc Chloride • Zinc Sulphate

#### ALKALINE SALTS

- Sodium Carbonate • Sodium Silicate • Sodium Bisulphate

#### METAL SALTS

- Barium Sulphide • Calcium Nitrate • Calcium Chloride • Potassium Chloride • Potassium Nitrate
- Sodium Chloride • Sodium Sulphate • Sodium Nitrate • Sodium Phosphate

#### OILS

- Castor Oil • Diesel Oil • Mineral Oils • 'Soluble' Cutting Oil • Vegetable Oils

#### MISCELLANEOUS

- Brine • Carbon Tetrachloride • Freon • Hydrogen Peroxide • Sugar

#### ESTERS

- Butyl Stearate • Dioctylphthalate • Tricresylphosphate

#### ETHERS

- Diethyl • Ethyl Ether • Isopropyl

If PYROPROTECT hose is polluted with these or other chemicals, it is convenient to wash the hose with neutral detergent followed by a thorough water rinse.



**NEWAGE**  
HOSE MANUFACTURING CO.

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