



**RedHerring**  
The Perfect Flow

## RedHerring Thermoplastic Fire Hose



Size (ID)	Type	Working Pressure	Bursting Pressure
12mm	Type-1	17 Kg/cm <sup>2</sup>	51 Kg/cm <sup>2</sup>
12mm	Type-2	20 Kg/cm <sup>2</sup>	60 Kg/cm <sup>2</sup>
20mm	Type-1	8 Kg/cm <sup>2</sup>	24 Kg/cm <sup>2</sup>
20mm	Type-2	10.2 Kg/cm <sup>2</sup>	34 Kg/cm <sup>2</sup>
25mm	Type-1	6.2 Kg/cm <sup>2</sup>	19.5 Kg/cm <sup>2</sup>
25mm	Type-2	10.2 Kg/cm <sup>2</sup>	32 Kg/cm <sup>2</sup>

### Physical & Mechanical Properties of Hose

Density	:	1.3 - 1.32 g/cm <sup>2</sup>
Tensile Strength (Lining)	:	7 N/mm <sup>2</sup>
Tensile Strength (Cover)	:	5 N/mm <sup>2</sup>
Thread Strength	:	8 GPD / Denier
Elongation	:	250%
Melting Point	:	approx 185°C
Loss in Weight	:	1.92%
Adhesion Between Lining & Cover	:	2.8 KN/m
Stiffness	:	5 Times



### Technical Specification

**Material :** Made up of high quality virgin **Thermoplastic Compound**.

**Reinforcement :** High pressure **Nylon Yarn**.

**Bend Radius :** Can work at a radius of 5 times to the nominal bore size as per **BIS** standard.

**Working Temperature :** It can work at 150°F for short term and for long term 110°F.

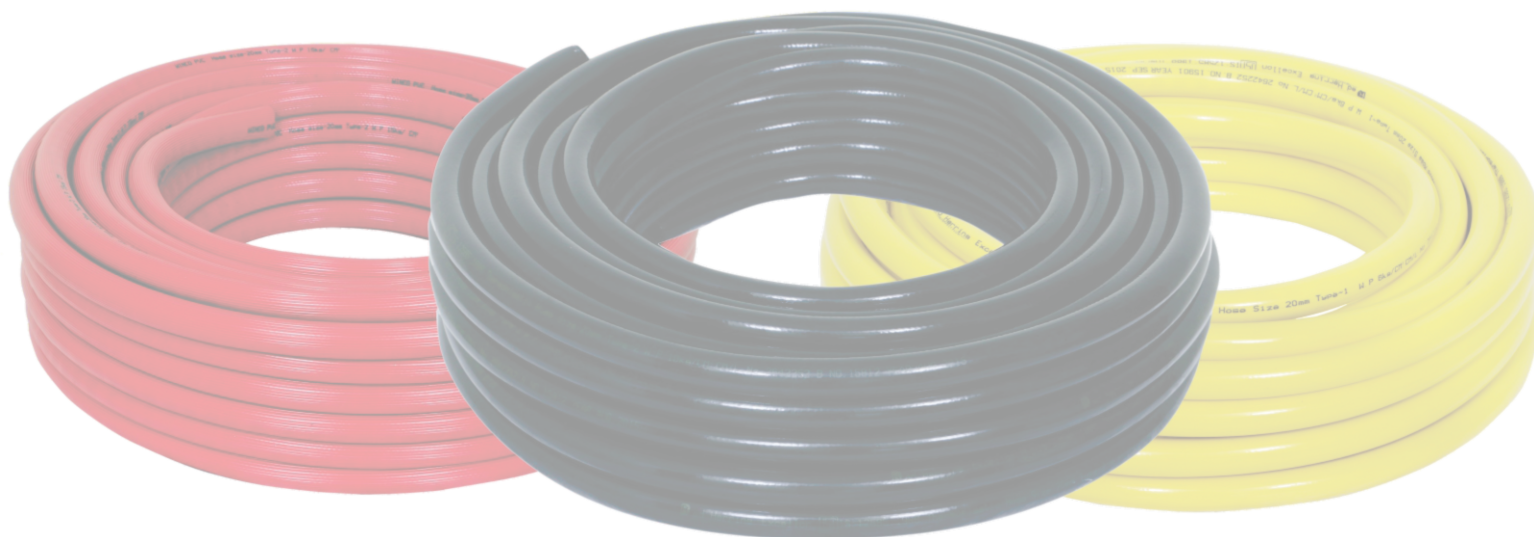
**Impact Resistance :** Does not break easily. Highly impact resistant material.

**Chemical Resistance :** Good resistance properties with most of chemicals. Fair to good. It is resistant to acid, alkali and almost all inorganic chemicals.

**Fire Regarding Properties :** Our high quality **Thermoplastic Compound** has inherently superior fire retarding properties due to its chlorine content. Its ignition temperature is as high as 455°C, and is a material with less risk for fire incidents since it is not ignited easily. It is a self extinguishing material and does not continue to burn. Therefore it is suitable for safety applications.

## RedHerring Thermoplastic Hose vs. Rubber Hose

Criteria	Thermoplastic Hose	Rubber Hose
<b>Fire Resistance</b>	Fire resistant, self extinguishing	Rubber is not fire resistant
<b>Effect of UV Rays</b>	Resistance to degradation from UV rays it won't break down in the sun over time	Rubber is not resistant to UV rays it will break down in the sun over time
<b>Weight</b>	Light in weight	Heavy in weight
<b>Length</b>	Long continuous length	Short length, no fix length
<b>Life</b>	Very durable	Less durable
<b>Pressure</b>	Better pressure sustainability	Less pressure sustainability
<b>Chemical Stability</b>	Chemically stable	Less chemically stable
<b>Abrasion Resistance</b>	It can outlast rubber hoses up to 10 times	It cannot outlast too long
<b>Clean Core Tube</b>	It's core tube don't introduce debris in to the inside of hose	It's core tube introduce debris in to the inside of hose
<b>Finish</b>	Smooth surface finish, looks better	Rough surface finish



## RedHerring Rubber Fire Hose



Size (ID)	Type	Working Pressure	Bursting Pressure
10.00mm	Type-1	6 Kg/Cm <sup>2</sup>	20 Kg/Cm <sup>2</sup>
10.00mm	Type-2	10 Kg/Cm <sup>2</sup>	32 Kg/Cm <sup>2</sup>
12.50mm	Type-1	6 Kg/Cm <sup>2</sup>	20 Kg/Cm <sup>2</sup>
12.50mm	Type-2	10 Kg/Cm <sup>2</sup>	32 Kg/Cm <sup>2</sup>
16.00mm	Type-1	6 Kg/Cm <sup>2</sup>	20 Kg/Cm <sup>2</sup>
16.00mm	Type-2	10 Kg/Cm <sup>2</sup>	32 Kg/Cm <sup>2</sup>
20.00mm	Type-1	6 Kg/Cm <sup>2</sup>	20 Kg/Cm <sup>2</sup>
20.00mm	Type-2	10 Kg/Cm <sup>2</sup>	32 Kg/Cm <sup>2</sup>

### Physical & Mechanical Properties of Hose

Density	:	1.23 - 1.25
Tensile Strength (Lining)	:	7 N/mm <sup>2</sup>
Tensile Strength (Cover)	:	5 N/mm <sup>2</sup>
Thread Strength	:	8 GPD / Denier
Elongation	:	250%
Melting Point	:	approx 185°C
Loss in Weight	:	1.92%
Adhesion Between Lining & Cover	:	2.8 KN/m
Stiffness	:	5 Times



### Technical Specification

**Material :** Made up of high quality virgin **Rubber Compound**.

**Reinforcement :** High pressure **Nylon Yarn**.

**Bend Radius :** Can work at a radius of 5 times to the nominal bore size as per **BIS** standard.

**Working Temperature :** It can work at 150°F for short term and for long term 110°F.

**Impact Resistance :** Does not break easily. Highly impact resistant material.

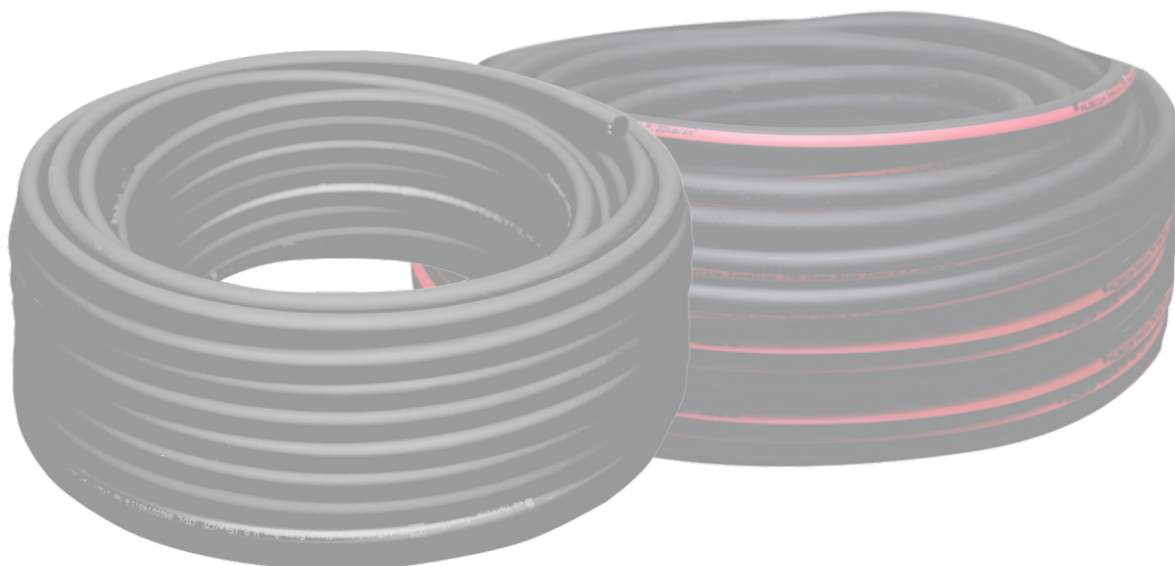
**Chemical Resistance :** Good resistance properties with most of chemicals. Fair to good. It is resistant to acid, alkali and almost all inorganic chemicals.

**Fire Regarding Properties :** Our high quality **Rubber Compound** has inherently superior fire retarding properties due to its chlorine content. Its ignition temperature is as high as 455°C, and is a material with less risk for fire incidents since it is not ignited easily. It is a self extinguishing material and does not continue to burn. Therefore it is suitable for safety applications.



## RedHerring Rubber Hose vs. Conventional Rubber Hose

Criteria	Redherring Rubber Hose	Conventional Rubber Hose
<b>Fire Resistance</b>	Fire resistant, self extinguishing	It is not fire resistant
<b>Effect of UV Rays</b>	Resistance to degradation from UV rays it won't break down in the sun over time	It is not resistant to UV rays it will break down in the sun over time
<b>Weight</b>	Light in weight	Heavy in weight
<b>Length</b>	Long continuous length	Short length, no fix length
<b>Life</b>	Very durable	Less durable
<b>Pressure</b>	Better pressure sustainability	Less pressure sustainability
<b>Chemical Stability</b>	Chemically stable	Less chemically stable
<b>Abrasion Resistance</b>	It can outlast rubber hoses up to 10 times	It cannot outlast too long
<b>Clean Core Tube</b>	It's core tube don't introduce debris in to the inside of hose	It's core tube introduce debris in to the inside of hose
<b>Finish</b>	Smooth surface finish, looks better	Rough surface finish



## RedHerring Fire Hose Reel

**CE EN 671-3**



Code No.	Drum size	Hose Diameter Length	Distance Between Side Plates
<b>RFHR001</b>	525mm	19mm x 30mtr	155mm
<b>RFHR002</b>	525mm	19mm x 30mtr	200mm

### Features

Side plates made of high quality mild steel, powder painted finish red

Waterways made from none ferrous metals (aluminium alloy) which ensures corrosion free

Maximum working pressure 15 bar, test pressure 20 bar

Threaded inlet connection

180° double swivel

Leakage free, rust free

Stores less space

Light weight

Type-II ISI /CE marked hose pipe with bursting pressure of 36kg/cm<sup>2</sup>

Shut off nozzle rotary operated, leak proof made up of high quality polymer



## RedHerring Fire Hose Reel



Code No.	Drum size	Hose Diameter Length	Distance Between Side Plates
<b>RFHR003</b>	483mm	19mm x 30mtr	200mm

### Features

Side plates made of high quality mild steel, powder painted finish red

Waterways made from none ferrous metals which ensures corrosion free

Maximum working pressure 15 Bar, test pressure 20 bar

Double swivel

Leakage free, rust free

Light weight

Type-I ISI marked hose pipe with bursting pressure of 21kg/cm<sup>2</sup>

Shut off nozzle rotary operated, leak proof made up of high quality polymer



## RedHerring Discharge Hose for Fire Extinguisher



### Features

Hose ISI marked having working pressure of 20kg/cm<sup>2</sup> bursting pressure of 60kg/cm<sup>2</sup>

Fitted plastic nozzle made up of high quality polymer which is unbreakable and having very good finishing and shining

Hydraulically crimped using caps made up of high quality aluminium sheets

Design, color and length of hose and it's fittings can be customized according to customer's requirements

## RedHerring Jet Shut Off Nozzle

### Features

Made up of high quality polymer

Unbreakable

Leak proof

Corrosion free

Rotary operated

Strong grip

Available in red and black color



## RedHerring (R.R.L. HOSE)



### RedHerring (R.R.L. HOSE)

Diameter	Bursting Pressure	Proof Pressure	Approx. Coil Dia (30M. Length)
M. M.	Kgf/Cm <sup>2</sup>	Kgf/Cm <sup>2</sup>	CM
63	35.7	21.4	44 - 45

## RedHerring (C.P. HOSE)



### RedHerring (C.P. HOSE)

Diameter	Bursting Pressure	Proof Pressure	Approx. Coil Dia (30M. Length)
M. M.	Kgf/Cm <sup>2</sup>	Kgf/Cm <sup>2</sup>	CM
63	35.7	21.4	44 - 45



### REDHERRING SINGLE HEADED LANDING VALVE

Material	Gun Metal Grade LTB - 2, Stainless Steel
Size	63mm
6 3	Female single outlet type-"A" ISI
Performance	Hydraulic Test : 21 Kgf/cm <sup>2</sup>
Water Test	Water tightness 14 kgf/cm <sup>2</sup>
Approval	ISI Marked from Bureau of Indian Standards (63 mm)



IS : 5290  
ISI  
CM/L : 7700071613



IS : 5290  
ISI  
CM/L : 7700071613

### REDHERRING DOUBLE HEADED LANDING VALVE

Material	Gun Metal Grade LTB - 2, Stainless Steel
Size	63mm
6 3	Female single outlet type-"B" ISI
Performance	Hydraulic Test : 21 Kgf/cm <sup>2</sup>
Water Test	Water tightness 14 kgf/cm <sup>2</sup>
Approval	ISI Marked from Bureau of Indian Standards (63 mm)



IS : 5290  
ISI  
CM/L : 7700071714

### REDHERRING FIRE HOSE DELIVERY COUPLING

Material	Gun Metal Grade LTB - 2, Stainless Steel & Aluminium
Size	63mm
Performance	Hydraulic Test : 21 Kgf/cm <sup>2</sup>
Water Test	Water tightness 14 kgf/cm <sup>2</sup>
Approval	ISI Marked from Bureau of Indian Standards (63 mm)

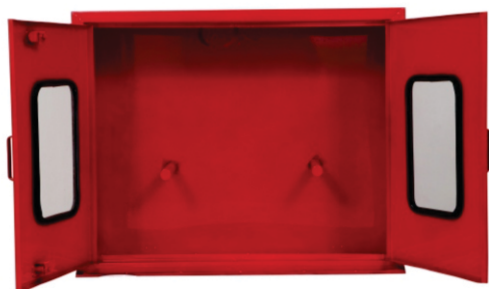
### REDHERRING SHORT BRANCH PIPE WITH NOZZLE

Material	Gun Metal Grade LTB - 2, Stainless Steel & Aluminium
Size	63mm
Performance	Hydraulic Test : 21 Kgf/cm <sup>2</sup>
Water Test	Water tightness 14 kgf/cm <sup>2</sup>
Approval	ISI Marked from Bureau of Indian Standards (63 mm)

IS : 5290  
ISI  
CM/L : 7700071714



## Double Door Hose Boxes



### Specifications

**Material Construction :** M.S. Sheet 18SWG to 20SWG

**Colour :** Epoxy powder coated with PO red inside and outside

**Double Door Hose Box :** For accommodating 2 No. 15 meter hoses and one nozzle

**Approximate Size :** 750mm x 600mm x 250mm





**AN ISO 9001:2008 CERTIFIED CO.**

**CORPORATE OFFICE**

---

Address : 300, 2nd Floor, Rajdhani Enclave,  
Pitampura Delhi - 110034  
Phone : +91-11-47038354, +91-11-45121093

**Factory Address**

Address : F - 622 & 623, Khushkhera RIICO Industrial Area, (Bhiwadi) District - Alwar, Rajasthan  
Email : [redherringplastindia@gmail.com](mailto:redherringplastindia@gmail.com), [administration@redherringplastindia.com](mailto:administration@redherringplastindia.com)  
Website : [redherringplastindia.com](http://redherringplastindia.com)

Dealer's Stamp

