



WE HAVE MFG. THE HYDRAULIC HOSE ASSEMBLIES IN R1 & R2 . FOR TECHNICAL DETAIL CHECK THE BELLOW TABLE.

	<b>G1 R1</b>	<b>G2 R2</b>
<b>RECOMMENDED FOR</b>	Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1 Type AT and performance requirements of DIN20022 1 SN /EN853 1N. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing .	High pressure oil lines. Meets or exceeds the requirement of SAE 100R2AT. Sand performance requirements of EN 853 2SN.
<b>TUBE</b>	Black, oil resistant, synthetic rubber.	Black, oil resistant, synthetic rubber.
<b>RAINFORCEMENT</b>	One braid of high-tensile steel wire.	Two braids of high tensile steel wire
<b>COVER</b>	Black, oil, and abrasion resistant synthetic rubber	Black, oil, and abrasion resistant synthetic rubber
<b>TEMPERATURE</b>	-40° C to +100° C	-40° C to +100° C

## WORKING PRESSURE OF R1 & R2 HOSES

SIZE	G1 ( AG R1 ) / IN BAR	G2 ( AG R2 ) / IN BAR
1/4"	226	400
5/16"	216	352

<b>3/8"</b>	<b>180</b>	<b>331</b>
<b>1/2"</b>	<b>160</b>	<b>276</b>
<b>5/8"</b>	<b>131</b>	<b>250</b>
<b>3/4"</b>	<b>105</b>	<b>214</b>
<b>1"</b>	<b>88</b>	<b>166</b>
<b>1 1/4"</b>	<b>64</b>	<b>126</b>
<b>1 1/2"</b>	<b>50</b>	<b>90</b>
<b>2"</b>	<b>41</b>	<b>81</b>

## SPIRAL HOSES & HOSE ASSEMBLIES



WE HAVE MFG. THE SPIRAL HOSE ASSEMBLIES IN 4XH & 4XP FOR TECHNICAL DETAILS CHECK THE BELOW TABLE

	<b>4XH SPIRAL WIRE HOSE-EN856 4SH</b>	<b>4XP SPIRAL WIRE HOSE-EN856 4SP</b>
<b>RECOMMENDED FOR</b>	Extremely high hydraulic applications. Most flexible EN 856 4SH Hose in industry compatible with biodegradable hydraulic fluids like synthetic ester, polyglycol and vegetable oil as well as standard petroleum based fluids, superior impulse performance. Tested to 1,000,000 impulse cycles.	Extremely high hydraulic applications. Most flexible EN 856 4SH Hose in industry. superior impulse performance. Tested to 1,000,000 impulse cycles at bend radius lower than EN 856 standard. compatible with biodegradable hydraulic fluids like synthetic ester, polyglycol and vegetable oil as well as standard petroleum based fluids
<b>TUBE</b>	Black, oil resistant, synthetic rubber.	Black, oil resistant, synthetic rubber.
<b>RAINFORCEMENT</b>	Four alternating layers of spiralled, high tensile steel wire	Four alternating layers of spiralled, high tensile steel wire
<b>COVER</b>	Black, oil resistant synthetic rubber	Black, oil resistant synthetic rubber

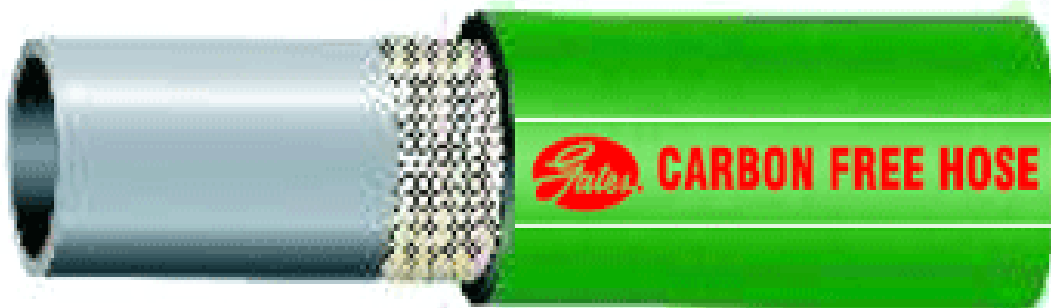
<b>TEMPERATURE</b>	-40° C to +100° C	-40° C to +100° C
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## WORKING PRESSURE OF 4XH & 4XP HOSES

SIZE	4XH / IN BAR	4XP / IN BAR
3/8"	-	460
1/2"	-	425
5/8"	450	400
3/4"	420	380
1"	386	320
1 1/4"	350	210
1 1/2"	299	-

## GATES INDUSTRIAL HOSES

### CARBON FREE HOSES



**RECOMMENDED FOR :** Specialist furnace coolant application in electrical steel industry and other non conductive applications. Engineered with specially developed carbon free tube and cover. Whereby meeting service requirements of low leakage current

**TUBE :** Modified synthetic Rubber, grey

**REINFORCEMENT :** High tenacity synthetic yarn

**COVER :** Specially compounded Nitrile, green

**TEMPRATURE RANGE : -40°C to +95°C**

## **SPECIFICATIONS**

<b>SIZE</b>	<b>IN BAR/ KG</b>
<b>3/8"</b>	<b>17</b>
<b>1/2"</b>	<b>17.20</b>
<b>3/4"</b>	<b>17.20</b>
<b>1"</b>	<b>17.20</b>
<b>1 1/4"</b>	<b>17.20</b>
<b>1 1/2"</b>	<b>17.20</b>
<b>2"</b>	<b>14</b>
<b>2-1/2"</b>	<b>14</b>
<b>3"</b>	<b>14</b>

## **AIR – WATER (GREENLINE ) HOSE**



**RECOMMENDED FOR :** All air and water applications requiring maximum flexibility in engineering industry, workshop, shipyard, irrigation etc.

**TUBE :** Specially compounded Nitrile rubber, Black.

**REINFORCEMENT :** Single braid of high tenacity synthetic yarn.

**COVER :** Specially compounded high abrasion resistant Nitrile rubber for size 12.5 mm to 20 mm. Black highly abrasion resistant modified natural rubber for sizes 25.0mm and above.

**TEMPRATURE RANGE :** -30° to +82°

## SPECIFICATIONS

SIZE	IN BAR OR KG
1/2"	12
3/4"	12
1"	12
1 1/4"	12
1 1/2"	12
2"	12

## PNEUMATIC (GREENLINE ) HOSE



**RECOMMENDED FOR :** All types of pneumatic tools in industries.  
Compressed air applications and construction industry.

**TUBE :** Modified Nitrile Rubber, Black

**REINFORCEMENT :** Single braid of high tenacity synthetic yarn for size  
6.3mm to 25 mm, single braid of high tensile brass coated steel wire for size  
31.5mm to 50.0 mm

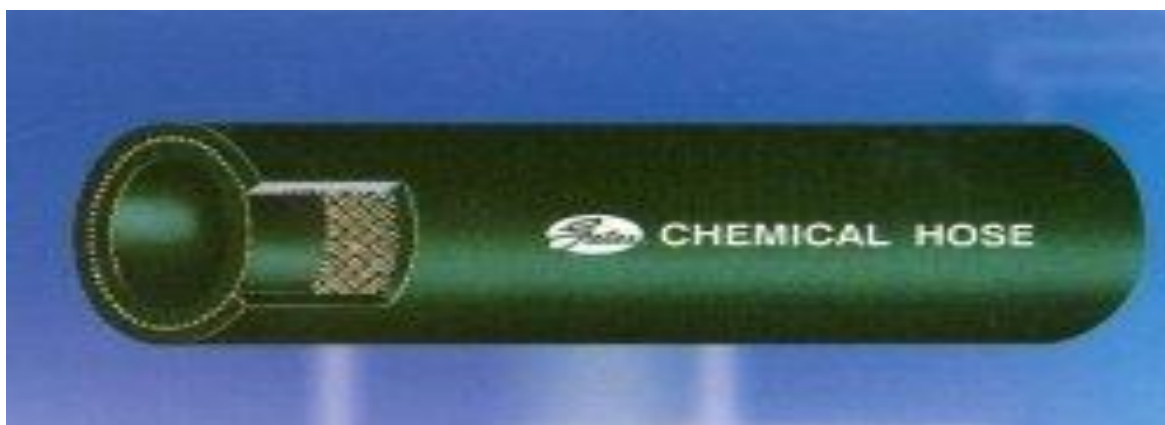
**COVER :** Specially compounded high abrasion resistant Nitrile rubber for  
size 6.3mm to 20 mm. Black highly abrasion resistant modified natural rubber  
for size 25.0mm and above. Black

**TEMPERATURE RANGE :** -30° to +82°

## SPECIFICATIONS

SIZE	IN BAR/ KG
1/4"	14
3/8"	14
1/2"	14
3/4"	14
1"	14
1 1/4"	14
1 1/2"	14
2"	14

# CHEMICAL HOSE



**RECOMMENDED FOR :** Conveying dilute chemicals e.g. Alums Liquor, caustic soda, lime solutions, dilute hydrochloric acid. Dilute sulphuric acid, methyl etc. alcohol, ethyl alcohol, butyl alcohol, isobutanol.

**TUBE :** Specially compounded EPDM, black.

**REINFORCEMENT :** High tenacity synthetic yarn.

**COVER :** Specially compounded EPDM, black.

**TEMPERATURE RANGE :** -40°C to +100°C

## SPECIFICATIONS

SIZE	IN BAR OR KG
3/4"	10
1"	10
1 1/4"	10
1 1/2"	10
2"	10

## SAND BLAST HOSE



**RECOMMENDED FOR :** Sand & shot blasting applications, where abrasive materials are carried at high velocity and at 10 Bar

**TUBE :** Highly abrasion resistant, natural rubber.

**REINFORCEMENT :** Two baids of high tenacity synthetic textile yarn. Twin copper wires ensure reliable conductivity.

**COVER :** Abrasion resistant natural rubber black

**TEMPRATURE RANGE :** -30°C to +70°C

**WORKING PRESSURE :** 10 BAR

## SPECIFICATIONS

SIZE	IN BAR OR KG
3/4"	10
1"	10
1 1/4"	10
1 1/2"	10
2"	10



# AIR DRILL BLACK HOSE



**RECOMMENDED FOR :** Heavy duty, high pressure use on industrial construction and pneumatic mining applications, requiring an extra heavy duty hose with an oil resistant tube and abrasion resistant cover.

**TUBE :** Specially compounded Nitrile rubber, black.

**REINFORCEMENT :** Single braid of high tensile steel wire.

**COVER :**

**OPTION 1:** Specially compounded highly abrasion resistant natural rubber , black.

**OPTION 2 :** Highly abrasion resistant modified nitrile rubber. Yellow all sizes with perforated cover. Yellow cover MSHA IC 11C. Flame resistant.

**TEMPERATURE RANGE :** -30°C to +82°C

# STEAM ( GREENLINE ) HOSE



**RECOMMENDED FOR :** Excellent steam handling. The hose features a specially compounded, perforated synthetic rubber cover intended for use where the hose is exposed to all types of steam saturated and superheated up to 150 psi and 195 degree centigrade.

**TUBE :** .EPDM, Black.

**REINFORCEMENT :** Single braid of high tensile brass coated steel wire for size 12.7 mm

**COVER :** EPDM, black. All sizes are perforated.

**TEMPERATURE RANGE :** -40°C to +195°C

## SPECIFICATIONS

SIZE	IN BAR OR KG
3/4"	10
1"	10
1 1/4"	10
1 1/2"	10
2"	10

# STEAM KING HOSE



**RECOMMENDED FOR :** Heavy duty industrial uses including heat control, melting of substance such as wax and glue, thawing. Cleaning and steam transfer applications. It will handle all types steam saturated and superheated up to 185 psi and +232 degree centigrade.

**TUBE :** .EPDM, Black.

**RAINFORCEMENT :** Single braid of high tensile brass coated steel wire for size 12.7 mm. Two braided of high tensile brass coated steel wire for size 20.0 mm to 50.0 mm

**COVER :** Specially compounded high abrasion resistant nitrile rubber for size 6.3 mm to 20 mm. Black highly abrasion resistant modified natural rubber for sizes 25.0 mm and above. Black

**TEMPERATURE RANGE :** -30°C to +82°C

## SPECIFICATIONS

<b>SIZE</b>	<b>IN BAR OR KG</b>
<b>3/4"</b>	<b>17.20</b>
<b>1"</b>	<b>17.20</b>
<b>1 1/4"</b>	<b>17.20</b>
<b>1 1/2"</b>	<b>17.20</b>
<b>2"</b>	<b>17.20</b>

## **C6 ONE FIBER HOSE – SAE 100 R6 HOSES**



**RECOMMENDED FOR :** Hydraulic oil lines, heavy duty transmission anti freeze solution. Meets or exceeds requirements of SAE 100R6/ EN 854.

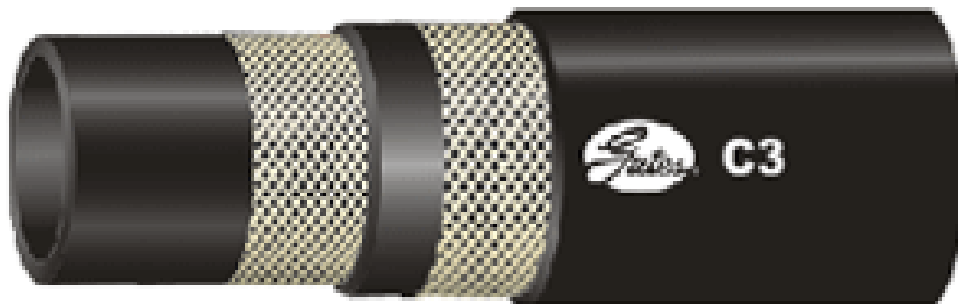
**COVER :** Oil & abrasion resistant synthetic rubber

**TEMPRATURE RANGE :**

## **SPECIFICATIONS**

<b>SIZE</b>	<b>IN BAR/ KG</b>
<b>1/4"</b>	<b>28</b>
<b>5/16"</b>	<b>28</b>
<b>3/8"</b>	<b>28</b>
<b>1/2"</b>	<b>28</b>
<b>5/8"</b>	<b>24</b>
<b>3/4"</b>	<b>21</b>
<b>1"</b>	<b>14</b>

## **C3 TWO FIBER BRAID HOSE – SAE 1003**



- **RECOMMENDED FOR :** Hydraulic oil lines, anti-freeze solution or water. Meets or exceeds requirements of SAE 100R3/ EN 854.
- **RAI NFORCEMENT :** Two fiber braids of high tenacity synthetic textile yarn.
- **COVER :** Modified Nitrile
- **TEMPERATURE RANGE :** -40° C to +100° C

## SPECIFICATIONS

<b>SIZE</b>	<b>IN BAR/ KG</b>
<b>1/4"</b>	<b>86</b>
<b>5/16"</b>	<b>83</b>
<b>3/8"</b>	<b>78</b>
<b>1/2"</b>	<b>69</b>
<b>5/8"</b>	<b>61</b>
<b>3/4"</b>	<b>52</b>
<b>1"</b>	<b>39</b>

## BRAKER HOSES

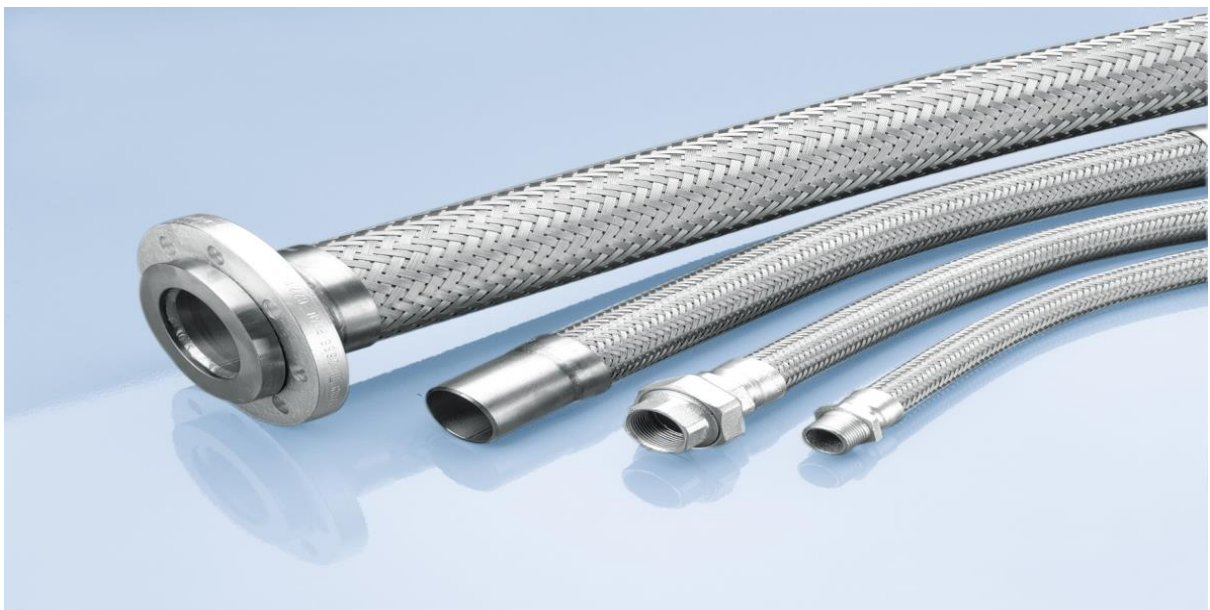


## HYDRAULIC FITTING RAJ FLOW



We have manufacturing the various types of High & Low pressure hydraulic fittings. The pressure ranging from vacuum application to ultra high pressure of 100010 PSI with over 500 different crimped and reusable type end connection configuration typically made from: - Steel, ENIA, SS 304 stainless steel by brand name RAJ FLOW.

## SS CORRUGATED HOSE ASSEMBLIES



We are manufactures of stainless steel flexible Corrugated hose assemblies in SS AISI 304, 321, 316, & 3016-L, confirming to international quality standards. Our stainless steel flexible hoses confirm to BS 6501 part – 1 and are manufactured as per flexibility. Mild steel ER , plain ends & threaded ends with Sockets.

**NOMINAL BOE ( NB ) : 1/4" TO 8",**

**MATERIAL : AISI 304, 321, 316 & 316-L**

**BRAIDING MATERIAL : AISI 304, 321, 316-L, for hose and AISI 304, 316 & 321.**

**TEMPRATURE RANGE : 273° C to 800° C**

## **TEFLON HOSE ASSEMBLIES**





**APPLICATION :** Diluted or concentrated acids, caustics, hot lacquers, solvents, fuel, oils, oxidizing agents, and gases. General unaffected, by all chemicals ( except melted alkaline metals ) used in laundry, plastics, chemicals & refrigeration industries . Maximum utilization of steam pressure 250 PSI.

**COVER :** Oil, weather and abrasion resistant, synthetic black rubber.

**TEMPERATURE :** Teflon flexible hoses are capable to resisting low, high temperature between  $-70^{\circ}$  to  $+260^{\circ}$  for longer period and have an unlimited shelf life.

## THUNDER HOSE

**APPLICATION :** This hose ,with steel wire screwing inlaid in the hose, is light ,transparent ,with small bending radius .It has good adaptability to hard weather conditions and minus pressure ,flexible ,durable ,non-toxic ,anti-erosion .It can keep its shape under high pressure or minus pressure conditions. Be enduring of high intensity, strong pulling force, and convenient for installation and transportation. It is the ideal choice for the usage in industry ,agriculture and sanitation for drawing and conveying water, oil and power , food , pharma , water and drinks industries.

**TEMPERATURE :**  $-5^{\circ}\text{c}$  to  $+ 65^{\circ}\text{c}$



# TUFF HOSE NYLON BRAIDED HOSE



PVC Braided Air / Pneumatic / Water Hoses are available in transparent sky blue colour with flat yarn, Crystal clear transparent sky blue colour with blue line.

## APPLICATIONS :

- ▶ Air / Pneumatic Pumps.
  - ▶ Transportation of air by compressor.
  - ▶ Heavy duty water suction and delivery, conveying chemicals & gases.
  - ▶ Industrial use where application of air / water is required.

ID		Wall Thickness	Working Pressure	Bursting Pressure	Mtrs.
mm	inch	mm	Kg/cm <sup>2</sup>	Kg/cm <sup>2</sup>	
5	3/16	2.5	32.0	80.0	30/50/100
6	1/4	3.0	32.0	75.0	30/50/100
8	5/16	3.0	32.0	65.0	30/50/100
10	3/8	3.5	32.0	65.0	30/50/100
12	1/2	3.5	25.0	50.0	30/50/100
15	5/8	3.5	20.0	40.0	30/50/100
20	3/4	4.0	20.0	40.0	30/50/100
25	1	4.8	15.0	35.0	30/50/100
31	1 1/4	4.8	15.0	35.0	30/50/100

38	1 1/2	5.0	15.0	25.0	30/60
50	2	6.0	10.0	25.0	30/60

## BLACK SNAKE HOSE



**RECOMMENDED FOR :**Dispensing all types of petrol and diesel fuels for service station pumps.A heavy duty hard wall hose which does not collapse in reel use or behind the nozzle in demanding service conditions.

**TUBE :** Specially compound nitrile rubber black, resistant to highly aromatic gasoline.

**RAINFORCEMENT :** Braided high tenacity steel wire

**COVER :** Modified nitrile rubber black

**TEMPRATURE RANGE :** -30°C to +49°C

## SPECIFICATIONS

SIZE	IN BAR OR KG
5/8"	17
1"	17
3/4"	17
1 1/2"	17

# WATER BLAST XTUFF HOSE

**RECOMMENDED FOR :** Ultra high pressure water blasting applications, not to use for hydraulic application.

**TUBE :** Black, oil resistant, synthetic rubber

**RAINFORCEMENT :** Four spirals of very high tensile steel wire.

**COVER :** Black, oil resistant, synthetic rubber impulse tested for more than 25000 cycles at 15000 psi pressure to ensure good service life.

**TEMPRATURE RANGE :** -20°C to +70°C

## SPECIFICATIONS

SIZE	IN PSI
1/2"	15000

# SUPER HOSE R1 & R2 HOSES



## SPECIFICATIONS

<b>SIZE</b>	<b>R1 IN BAR</b>	<b>R2 IN BAR</b>
<b>3/16"</b>	<b>250</b>	<b>415</b>
<b>1/4"</b>	<b>225</b>	<b>400</b>
<b>5/16"</b>	<b>215</b>	<b>350</b>
<b>3/8"</b>	<b>180</b>	<b>330</b>
<b>1/2"</b>	<b>160</b>	<b>275</b>
<b>5/8"</b>	<b>130</b>	<b>250</b>
<b>3/4"</b>	<b>105</b>	<b>215</b>
<b>1"</b>	<b>88</b>	<b>165</b>
<b>1 1/4"</b>	<b>63</b>	<b>125</b>
<b>1 1/2"</b>	<b>50</b>	<b>90</b>
<b>2"</b>	<b>40</b>	<b>80</b>

**Temperature : -40° to +100°C, intermittent temp up to +120°C**


## **SUPER HOSE LPG HOSE SINGLE WIRE BRAIDED**



**LPG Hose**

Fabricated using the finest quality synthetic rubber, our **LPG Hoses (IS : 9573)** are known for their immaculate quality.

## SPECIFICATIONS

**Super Hose**  **LPG Hose (IS 9573 : Type 2) Single Wire Braided**

Product Code SHIPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
95734 - 5	5	8	5/16"	15.0	1	10	145	5	50	725	95	0.220
95734 - 6	6	10	3/8"	18.0	1	10	145	5	50	725	120	0.333
95734 - 8	8	12	1/2"	20.2	1	10	145	5	50	725	150	0.368

Highlights : Designed for domestic and commercial LPG installations as a safety item. Temperature range -40°C to +70°C.

## SUPER HOSE ROCKDRILL HOSE



## SPECIFICATIONS

SIZE	IN BAR OR KG
<b>3/4"</b>	<b>10</b>
<b>1"</b>	<b>10</b>

<b>1 1/4"</b>	<b>10</b>
<b>1 1/2"</b>	<b>10</b>
<b>2"</b>	<b>10</b>

**Recommended for :** Heavy duty, high pressure use in industrial, construction & pneumatic, mining applications.

## **SUPER HOSE LPG HOSE SINGLE WIRE BRAIDED**



**Temperature : -40° to +70°C**

### **SPECIFICATIONS**

<b>SIZE</b>	<b>IN BAR OR KG</b>
<b>1/2"</b>	<b>25</b>
<b>5/8"</b>	<b>25</b>
<b>3/4"</b>	<b>25</b>
<b>1"</b>	<b>25</b>

# **SUPER HOSE CNG HOSE SAE J30 R6 ( TEXTILE BRAIDED )**



## **SPECIFICATIONS**

<b>SIZE</b>	<b>IN BAR OR KG</b>
<b>1/4"</b>	<b>21</b>
<b>5/16"</b>	<b>21</b>
<b>3/8"</b>	<b>21</b>
<b>1/2"</b>	<b>21</b>
<b>5/8"</b>	<b>21</b>
<b>3/4"</b>	<b>21</b>
<b>1"</b>	<b>21</b>

# **SUPER HOSE STEAM HOSE R1 & R2**

## **SPECIFICATIONS**

<b>SIZE</b>	<b>R1 IN BAR</b>	<b>R2 IN BAR</b>
<b>3/8"</b>	<b>10</b>	<b>17</b>



<b>1/2"</b>	<b>10</b>	<b>17</b>
<b>5/8"</b>	<b>10</b>	<b>17</b>
<b>3/4"</b>	<b>10</b>	<b>17</b>
<b>1"</b>	<b>10</b>	<b>17</b>
<b>1 1/4"</b>	<b>10</b>	<b>17</b>
<b>1 1/2"</b>	<b>10</b>	<b>17</b>
<b>2"</b>	<b>10</b>	<b>17</b>
<b>Temperature</b>	<b>-40° to +195°C</b>	<b>-40° to +210°C</b>

## **SUPER HOSE TRACTOR TRALLY HOSE**

### **SINGLE & DOUBLE WIRE BRAIDED**

#### **SPECIFICATIONS**

<b>SIZE</b>	<b>SINGLE WIRE IN BAR</b>	<b>DOUBLE WIRE IN BAR</b>
<b>3/8"</b>	<b>172</b>	<b>207</b>
<b>1/2"</b>	<b>138</b>	<b>172</b>

## **SUPER HOSE JACK HOSE**

#### **SPECIFICATIONS**

<b>SIZE</b>	<b>SINGLE WIRE IN BAR</b>
<b>1/4"</b>	<b>725</b>
<b>3/8"</b>	

**RECOMMENDED FOR :** Hydraulic jacking system.

**TEMPERATURER :** -40° TO +50°C

## **GATES LOL HOSE**

**Recommended for:** Petroleum-base hydraulic oils, water, glycol antifreeze solutions, hot lubricating oils, and air.

**Temperature :** -20° to +70°C

## **PIPE CLAMP**



Bar Hydraulic pipe clamps or hydraulic pipe hanger systems are designed to assure a simple, reliable shock dampening support for hydraulic tubes, hydraulic pipes, hydraulic hoses and conduit in hydraulic piping systems. Pipe clamps or pipe hangers are used in industrial hydraulic systems, mobile hydraulic systems, process piping and electrical construction. Hydraulic pipe clamps absorb shock, dampen vibration and reduce noise in hydraulic piping systems. We are pleased to offer the most comprehensive line of hydraulic pipe clamps from ¼" tube up to 30" pipe. Our hydraulic pipe clamps are also offered in metric tube sizes. We can supply our hydraulic pipe clamps in a wide

range of materials: Polypropylene (PP) is used for standard pipe clamps and Santoprene (SA) or Aluminum (AL) for special applications. Weld plates, top plates and bolts can be supplied in both carbon steel and stainless steel.

## PAINT HOSE



### Application

Airless paint Spray systems for 228 to 240 Bar.  
Suitable for application requiring chemical resistance to solvents and aggressive fluids Specially suitable for pulsating electric piston pumps

## GATES QUICK RELEASE COUPLING

### (QRC)



**Occlusion :** flat face  
**Locking :** radial balls  
**Materials :** steel  
**Sizes :** from DN06 (1/4) to DN50 (2")  
**Threads :** BSP-NPT  
**Seals :** NBR  
**Working Pressure :** from 200 to 250 Bar

## CAMLOCK COUPLING



**Material:** 316 stainless

**Thread:** NPT, BSPP, BSPTs steel, 304 stainless steel

Camlock coupling: casting

Pins, Rings and Safety clip material: Carbon steel plated or stainless steel

Handle material: Brass or stainless steel

**Seal:** NBR, BUNA, EPDM, VITON

Pressure rated up to 323 psi

# BRASS FITTING



**Material:**

Free cutting brass IS 319 Type I or BS 249 Type I  
Any special non-ferrous material grade composition as per customer's requirement.

**Size:** All standard sizes & as per customer requirement or drawing specification.

**Thread:**

Metric (MM Threads), BSP  
BSW (Inches), UNC, UNF,  
Any threads as per custom design

# TUBE FITTING IN MS OR SS 304



**WE ARE MGF. THE HYDRAULIC TUBE FITTING IN MS OR SS**

**Material :** in EN1 or SS 304, SS 316.

**Size:** All standard sizes & as per customer requirement or drawing specification.

## **THERMOPLASTIC HOSE**



**Core:** Thermoplastic Elastomer

**Reinforcement:** 1 braid of synthetic fibre

**Cover:** Black color, Pin Pricked – Polyurethane. Available twin and multi lines with different hose combination and size.

**Temperature Range:**

Continuous: -40°C to +100°C Temp. not to exceed +70°C for Air and Water based fluids

### **Application**

Medium Pressure Hydraulic Lines 70 to 210 bar.

Suitable for Hydraulic application with increased resistance to abrasion. For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earthmoving, Articulating & Telescopic booms and Material handling equipments. Can be used for industrial gases and other applications, please consult manufacturer.

# PU TRANSPERENT HOSE ( AIR DUCT PUR HOSE )



**Application :** For wood dust extraction, public utility street cleaning vehicles.

**Temperature :** Upto 90°C

## ALUMINIUM HOSES





## Features:

- Raw Material: Aluminum Extension.
- Rate is 3.75 temperature range:-30-140 thickness : 0.11mm.
- Develop products according to client's requirement.

## Applications:

- Apply to ventilation in house
- **Raw Material:** Aluminum Extension.
- **Temperature range:-30?-140?** thickness is 0.11mm.
- 

# NON FLAMMABLE PVC TARPAULIN FLEXIBLE DUCT HOSE GRAY OR BLACK



**Application :** For A/C Ducting, Welding, Gas Extraction

**Temperature :** Upto 60°C



# SS 304 WIRE BRAIDING



## **Nominal Bores**

From 7mm to 350mm – the bore is measured when the braid is in its natural state at rest. The nominal bore of braid, by its construction, is able to be manipulated from its original bore by enlarging (pushing the braid together longitudinally) or reducing (by stretching it).

## **Bend Radius**

Wire braiding will provide protection and support for the item being braided but by nature of its construction, it will not significantly reduce the bend radius and handling characteristics of the core product.

## **Materials of Construction**

Stainless Steel AISI 304, AISI 316

## **Wire Thickness**

Standard – 0.32, 0.50, 0.60mm

Other thicknesses available on special order and for sufficient quantities.

## SILICON DOUBLE LAYER HOSES



**Application :** Hot air transportation

**Temperature :** Upto 260°C

## FOOD GRADE HOSES



**Other name:** Beer delivery hose, Milk delivery hose, Beverage delivery hose, Drinking water Delivery hose, FDA food grade hose.

**Tube:** abrasion, ozone and weather resistant synthetic rubber.

**Reinforcement:** high tensile cord and high tensile steel wire helix.

**Cover:** white or blue CR/BR.

**Applications:** For delivery of fluid food, drinking water, beverage and so on.

**Working Temperature:** -20°C~+80°C with intermittent steam sterilizing temperature up to 120°C

## WIRE ROPE & WIRE ROPE ASSEMBLIES



Galvanised, PVC Coated, Fibre Core and Wire Core in stock with sizes from 1.5mm to 16mm across construction options Wire rope is rated on its Minimum Break Load (MBL) requirements and the ultimate Actual Breaking Load (ABL). The safety factor is then determined by the actual use, e.g. general construction requires a safety factor of 4:1, entertainment industry 8:1 and performer flying 10:1 giving the rope it's Safe Working Load (SWL).

# CEMENT HOSE



FLEXIBLE DUST HOSE SYSTHETIC RUBBER EPDM PYRALWIRE CANVAS  
REINFORCE CEMENT HOSE

**WORKING PRESSURE :** 10KG/CM,

**TEMPERATURE:** 140 DEGREE

## G2H HIGH TEMP, HIGH PRESSURE



**Recommended for:** High pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100 R2AT and performance requirements of EN853.

**Tube :** Black, oil resistant, synthetic rubber



**Reinforcement :** Two braids of high tensile steel wire.

**Temperature :** -40° to +135°C

## SPECIFICATIONS

SIZE	IN BAR OR KG
1 1/4"	126
1 1/2"	90
2"	81

## RIG HOSE



**Recommended For :** Pneumatic services in heavy duty drill rig compressors upto 1100CFM capacity in ground drilling, quarries, construction and general industry.

**Tube :** Specially developed blend of synthetic rubber, resistant to high temperature of air & oil mist.

**Reinforcement :** Two braid of high tensile steel wire.

**Cover :** Highly abrasion resistance & flame resistance modified CR

**Temperature Range :** -40° to +135°C

## SPECIFICATIONS

SIZE	IN BAR OR KG
1 1/2"	69
2"	69

## GATES MEGACRIMP COUPLING



This innovative technique gives our MegaCrimp couplings four times more corrosion resistance than before. That's 400 hours of red rust corrosion protection when subjected to rigorous SAE-J516 and ASTM-P-117 salt-spray conditions. This 500+% improvement over the 72-hour SAE standard proves Gates not only raised the bar on corrosion resistance – we've set the standard.

## GATES HOSE PROTECTION PRODUCTS



## **PE SLEEVE:**

**Good amount of abrasion/cutting resistance**

**Lightweight & Economical**

**Available in two colours & multiple sizes**

**Temp. Range -40° to 130°C**