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REAL HYDROFIT & CO.[®]
industrial hoses



ISO 9001:2008 CERTIFIED COMPANY



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PHARMA INDUSTRY



EARTH MOVING EQUIPMENTS



OIL REFINERY



DAIRY PLANT



ASPHALT PLANT



CONSTRUCTION



AERONAUTICS



PORT



NUCLEAR POWER PLANT



SUBMARINE



RAILWAY



MINING MATERIAL



AUTOMOBILE



AVIATION



FOOD INDUSTRY





REAL HYDROFIT & CO.[®]
industrial hoses

Real Hydrofit & Co. is a 52 year old company and is a leading manufacturer and stockiest of internationally advanced hoses and end fittings for all types of industries.

In over 5 decades of our involvement in this field we have carved a niche for ourselves as a specialist. Our products are in use in critical applications with several user industries.

Wide range of Flexible Hoses and fittings supplied by us are :

Reliable
Economical
Accountable
Lasting

We are known for strictly adhering to quality standard of dimensional accuracy, durability and standard such as : SAE, DIN, ISO, BS & JIS.

We can also manufacture and develop products as per your drawings or samples, currently being used. Workmanship and performance stand true to our name.

We request you to go through our company profile in detail and approach us for your requirements for the products of your desired needs. It would be our pleasure to get associated with your esteemed organization and a great opportunity to get registered on your valued Vendor List.

For technical information please contact :

Mr. A. A. Masta - 91-9869078630 * Mr. M. E. Masta -91-9820029399

514/A, Sussex Ind. Estate, D. K. Cross Road, Byculla (E), Mumbai-400027 (India)

Tel.: +91 22 23717488 / 23776490 / 23702166 / 23737760 / 66573951

Fax : +91 22 23738565 - E-mail : reohyde@vsnl.com, sales@realhydrofit.com

Website : www.realhydrofit.com



List of Other Products

- **Fire Fighting Sprinkler Hoses with Fittings (UL/ULC Certified)**
All Types of Fire Fighting Hoses/ Fittings, Manufacturers.
- **All Types Of Industrial Hoses:** Air Water Hose, Pneumatic Hose, Rock Drill Hose, Car Washing Hose, Super Spray Hose, Chemical Hose, XPL/PTFE Line Hose, Food Grade Hose, High Temperature Steam Hose, Petrol Hose, LPG Hose, Welding Hose, Sandblasting Hose, Oil Suction Discharging Hose, Solvent Suction Discharge Hose, Carbon Free Hose, Radiator Hose, PVC Braided Hose, Duct Hose, Non Toxic Steel Spiral (Transparent) Hose, Cement Hose, Vacuum Hose, CNG Hose, Dredging Hose.
- **Marine Hoses** for all applications.
- **Thermoplastic High Pressure Hose & Hose Assemblies.**
- **Teflon (PTFE) Plain & Corrugated with SS Wire Braided Flexible Hose.**
- **SS Corrugated with SS Wire Braided Flexible Hose.**
- **SS Jacketed Metal Flexible Hose.**
- **Silicon Tubes & Silicon Braided Hose with outside SS Wire Braided.**
- **Coolant Flexible Pipe in Metal & PVC**
- **Hydraulic Tubes in MS, SS, Copper, Brass etc.**
- **PU Tubing to Suit PU Connector & Coil Tubing.**
- **One Touch Instant Fittings/ Hydraulic, Ermeto Fittings in Carbon Steel, SS, Brass etc.**
- **Instrumentation Tubes & Fittings.**
- **Couplings:** Quick Release Couplings, Camlock Couplings, Victaulic Couplings, Claw Type Couplings, & Quick Acting Snap Couplings.
- **Hydraulic Clamps:** MS, SS etc.
- **Flanges & Pipe Fittings.**
- **Gauges:** Pressure / Temperature Gauges for all Applications.
- **Bellows:** Expansion Bellow in Rubber & SS (As per Application)
- **Valves:** Ball Valves, Needle Valves, Flow Control Valves, Solenoid Valves, Butterfly Valves, , FRL Unit, Bronze Silencer, Cylinders, Suction Strainers, Boiler, Nozzles etc.

Specialists in: All Types of Flexible Hydraulic Hoses, Fittings & Adaptors

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STORAGE OF HOSE

Whenever possible, hose should be stored in their original factory packing. Remove the packing only when the hose is required for service.

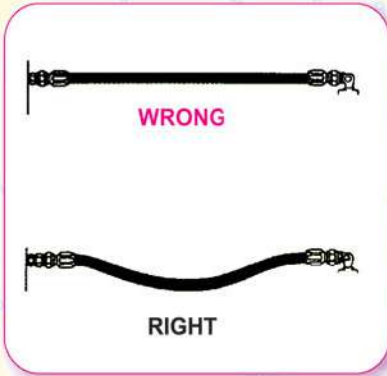
It is recommended that hose should be stored in a cool clean environment. Ideal temperature should be within 10°C to 20°C. Maximum temperature should not exceed 38°C. Storing hose below 0°C might result in some rubber products becoming stiff and might require warming before being put in service. Hose should also not be stored in places of high or low humidity.

Ozone has a detrimental effect on hose covers, therefore avoid storing hose near electrical equipment which may generate ozone. Do not store hose for long periods in area of known high ozone concentration. Hose should not be exposed to direct or indirect sunlight. Avoid placing uncovered hose under fluorescent or mercury lamps which generate light waves which is harmful to rubber.

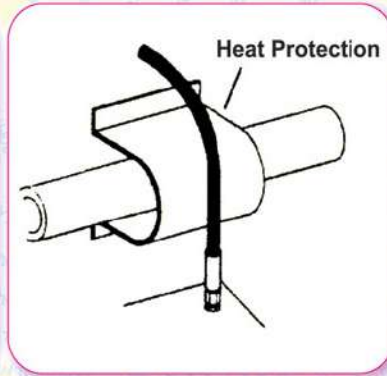
Even under ideal storage conditions, rubber hose has a limited shelf life. Therefore storage system should be on a FIFO basis.

Hoses that have been stored for 8 years or more should not be used.

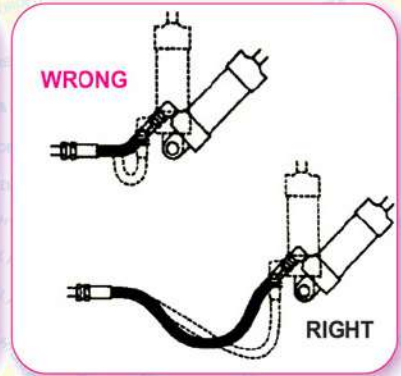
HOW TO INSTALL HYDRAULIC HOSE ASSEMBLIES



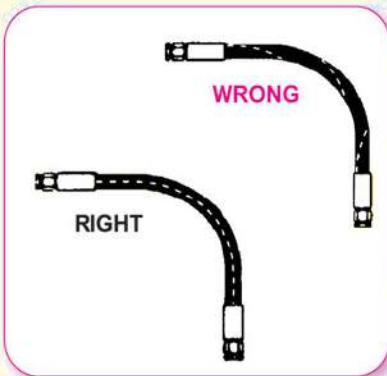
The permitted change in length of -4% to +2% means that sufficient room must be provided



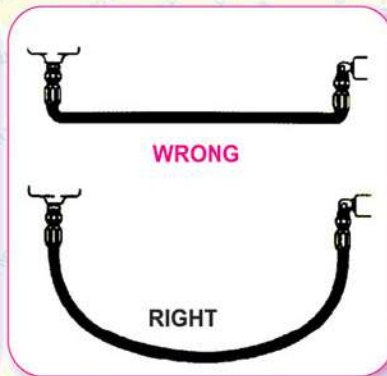
High outside temperatures reduce the life of the hoses. We recommend protective shields if the hoses are laid in the immediate vicinity of pipes which



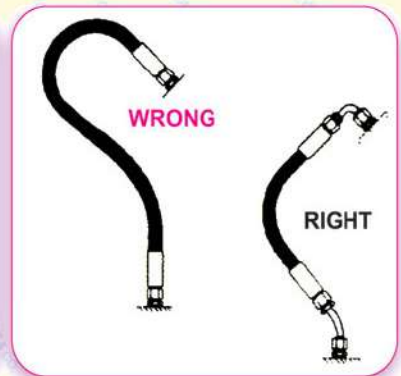
In case of hoses exposed to alternating loads, make sure that the minimum radius of curvature and also the length of the hose are suitable.



Avoid twisting the hose when it is installed. The hose may be damaged under pressure or the connections may work loose.







A kinked hose will prevent a free flow of the medium and may fail prematurely. The radius of curvature must be sufficiently big [see minimum radius of curvature]



Hose lengths are reduced and bends avoided if angle pieces are used.







		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
AIR/WATER HOSE				
	Application:	13	21	12
	A new generation hose for general construction work, engineering industries, garages, shipyards, workshops, foundries, steel mills, irrigation projects and a wide range of applications for both air and water.	19	30	12
		25	37	12
		32	44	12
		38	50	12
		50	61	12
	Construction:	63	76	10
	- Natural rubber tube.	75	91	10
	- Textile reinforcement.	100	115	10
	- Abrasion and weather resistant cover. (I.S.444: TYPE III, I.S.446 : 1980 TYPE I)			
PNEUMATIC HOSE				
	Application:	06	15	18
	For general construction work, road building, tunneling, mining, for pneumatic tools in industries & for tyre inflation in service stations.	08	17	18
		10	20	18
		12	23	18
		19	30	16
	Construction:	25	37	16
	- Special synthetic rubber tube.	32	44	16
	- Textile reinforcement.	38	50	12
	- Abrasion, weather and heat resistant cover. (I.S.446 : 1980 TYPE I)	50	61	12
	ROCK DRILL HOSE			
	Application:			
	For the most severe conditions in open cast mines & quarries.	12	23	18
		20	30	16
	Construction:	25	37	16
	- Natural & synthetic rubber tube.			
	- Textile reinforcement.			
- Abrasion, weather and heat resistant cover. (I.S.446 :1980 TYPE III)				
SUPER ROCK DRILL HOSE				
	Application:	20	30	16
	Heavy duty services for air drills especially in mines, quarries & general construction work.	25	36	16
		32	44	16
		38	52	16
		50	64	16
	Construction:	63	76	16
	- Natural & synthetic rubber tube.	75	88	16
	- Textile reinforcement.			
	- Abrasion, weather and heat resistant cover. (I.S.446 :1987 TYPE III)			



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		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
ROCK DRILL HOSE WIRE BRAIDED 	Application: For uses in mines where very high pressure is required.	25	36	25
	Construction: - Oil resistance synthetic nitrile rubber tube. - High tensile steel wire reinforcement. - Abrasion, weather and heat resistant cover. (I.S.446 :1987 TYPE III)	32	44	25
		38	50	25
		50	66	25
CAR WASHING HOSE 	Application: For washing of motor vehicles at service station.	10	22	50
	Construction: - Special synthetic rubber tube. - Textile reinforcement. - Abrasion and weather resistant cover. (I.S.444 : TYPE 3 B)	12	25	50
SUPER SPRAY HOSE 	Application: For high Pressure spraying of water based chemicals, insecticides, fungicides, herbicides etc by manual or power-driven pumps in agriculture, horticulture, plantations and forestry.	10	20	50
	Construction: - Special synthetic PVC-Nitrile tube. -Textile reinforcement and anti-static copper wire embedded between the layers. -Abrasion, weather, heat and oil resistant nitrile cover. (I.S. 1667 : 1968 TYPE 4B)	12	24	50
CHEMICAL HOSE 	Application: For conveying alum liquor, caustic soda, lime solution, methyle alcohol, ethyl alcohol, butyl alcohol, zinc chloride, isobutanol, hydrochloric acid, dimethyl sulphate, dilute sulphuric acid, carbon disulphate and other chemicals in fertilizer and process industries.	20	30	12
	Construction: - Synthetic rubber tube. - Textile reinforcement and antistatic copper wire embedded between the layers. -Abrasion, heat, acid, basem, chemical and weather resistant special synthetic rubber cover. (I.S. 7654 : 1975 TYPE I)	25	35	12
		32	44	12
		38	50	12
		50	64	12

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		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
XPL CHEMICAL HOSE				
	Application:			
	For handling of special solvents such as toluol, zylene and corrosive chemicals.			
	Construction:	25	41	14
	- Special XLPE material tube.	32	44	14
	- Textile reinforcement steel wire helix and antistatic copper wire embedded between the layers.	38	52	14
- Abrasion, heat, weather solvent and chemicals resistant EPDM rubber cover	50	66	14	
STEAM HOSE				
	Application:			
	For all applications involving supply of saturated steam.	13	25	07
	Construction:	19	33	07
	- EPDM rubber tube resistant to steam up to 165 °C	25	38	07
	- Textile reinforcement	32	44	07
	- Abrasion, steam and weather resistant EPDM rubber cover. (I.S. 5122 : 1975 TYPE II)	38	50	07
		50	62	07
SUPER STEAM HOSE WIRE BRAIDED				
	Application:			
	General saturated steam services with high pressure.	13	25	20
	Construction:	19	32	20
	- EPDM rubber tube resistant to steam up to 232 °C	25	39	20
	- High tensile steel wire reinforcement	32	46	20
	- Abrasion, oil, steam and weather resistant rubber cover. (I.S. : 10655 TYPE III)	38	54	20
		50	65	20
PETROL HOSE				
	Application:			
	Used in dispensing pumps for petrol and diesel fuels.			
	Construction:	19	31	07
	- Synthetic Nitrile tube.	25	37	07
- Soft wall : textile braided reinforcement.				
- Hard wall : wire braided reinforcement.				
- Abrasion and weather resistant colored cover. (I.S. 2396 : 1981)				







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		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
PREMIUM WELDING HOSE 	Application: For oxy-acetylene welding and cutting equipment in industries, service stations and garages. Red welding hose for acetylene Blue welding hose for oxygen and other combustible gases	06	12	18
	Construction: - Special synthetic PVC-nitrile tube. - Textile reinforcement. - Abrasion and weather resistant blue or red fluted cover. (I.S. 447 :1988)	08	15	18
		10	17	18
SAND BLASTING 	Application: Used for discharge of bulk material and sandblasting	25	44	Type I 07 Type II 10
	Construction: - Abrasion resistant conductive natural rubber tube. - Textile reinforcement and anti-static copper wire embedded between the layers. - Abrasion, heat and weather resistant cover. (I.S. 5894 : 1980 TYPE I & TYPE II)	32	48	07 10
		38	57	07 10
		50	70	07 10
		63	86	07 10
		75	99	07 10
WATER SUCTION & DISCHARGE HOSE 	Application: Water suction and discharge in industrial and construction services.	50	67	Type I 07 Type II 10
	Construction: - Natural rubber tube. - Textile reinforcement and steel wire helix embedded between the layers. - Abrasion and weather resistant cover. (I.S. 3549 : 1983 TYPE I, TYPE II)	63	79	07 10
		75	94	07 10
		100	122	07 10
		125	150	07 10
		150	177	07 10
		200	230	07 10
		300	332	07 10
OIL SUCTION & DISCHARGE HOSE 	Application: For suction discharge of gasoline, fuel and diesel oil from tanks and other transfer services	25	38	04 to 15
	Construction: - 1 G.I. Helix wire & 2 G.I. Helix wire. - Cotton / synthetic fabric reinforcement. - Oil resistance synthetic rubber tube. - Oil, weather and abrasion resistance smooth outer rubber cover. - Available in Smooth & Rough bore. (I.S. 10733 & I.S. 8129)	32	46	04 to 15
		38	53	04 to 15
		45	63	04 to 15
		50	66	04 to 15
		63	80	04 to 15
		70	87	04 to 15
		75	93	04 to 15
		100	122	04 to 15

**INDUSTRIAL HOSES
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		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
CARBON FREE HOSE 	Application: Metalurgical applications as cooling of induction cables of electric furnaces and pots. (With & without Asbestos cover)	19	32	10
		25	39	10
		32	47	10
		38	54	10
	Construction: - Special non conductive white rubber tube. - Textile reinforcement. - Abrasion and heat resistant red rubber cover. - Glass fibre or asbestos cover upon request.	45	61	10
		50	69	10
		75	100	06
MILK & VEGETABLE OIL DISCHARGE HOSE 	Application: Discharge of milk and vegetable oil beverages.	19	30	10
		25	37	10
	Construction: - Special white rubber tube that won't change the color, taste and odour of the transferred material per international food regulations. - Textile reinforcement. - Weather and abrasion resistant colored cover.	32	45	10
		38	54	10
		45	61	10
		50	70	10
RADIATOR HOSE 	Application: Hot water delivery and radiator services.	25	35	03
		32	42	03
		38	49	03
		45	56	03
	Construction: - EPDM rubber tube resistant to 120 °C. - Textile reinforcement. - Abrasion, heat and weather resistant cover.	50	62	03
		63	74	03
		70	81	03
		75	88	03
		100	113	03
PVC BRAIDED HOSE (TRANSPARENT) 	Application: Transparent hose for a wide range of applications like air, irrigation and general purpose.	06	12	25
		08	14	25
		10	17	25
		12	19	20
		15	22	20
	Construction: - Transparent plasticized PVC tube. - High tensile synthetic textile reinforcement - Abrasion, ozone and weather resistant transparent PVC cover.	20	28	20
		25	35	15
		31	41	15
		40	50	15
		50	62	10



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		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
GARDEN HOSE (GREEN) 	Application: Gardening, irrigation and general water discharge.	12	14	07
	Construction: - Yellow plasticized PVC tube. - High tensile synthetic textile reinforcement. - Abrasion, ozone and weather resistant green PVC cover.	20	25	07
		25	31	05
GARDEN HOSE (BLUE) 	Application: Gardening, irrigation and general water discharge.	19	24	10
	Construction: - White plasticised PVC tube. - High tensile synthetic textile reinforcement. - Abrasion, ozone and weather resistant blue PVC cover.	25	31	10
POWER HOSE 	Application: For spraying of pesticides and fertilizers in agriculture.	10	18	50
	Construction: - Special PVC compound resistant tube to pesticides and fertilizers. - High tensile synthetic textile reinforcement. - Abrasion, ozone and weather resistant special PVC compound cover.	13	21	50
		20	28	40
GREEN SUCTION DISCHARGE HOSE 	Application: For suction & delivery of water in irrigation and handling light acids & chemicals except solvents.	19	24	07
		25	30	07
		32	37	07
		38	43	05
	Construction: - Strong, flexible and smooth plasticized PVC. - Shock resistant PVC spiral. - Crushing, chemical agents, abrasion and weather resistant, light corrugated outside.	51	57	04
		64	72	04
		76	85	04
		101	112	04

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		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
HEAVY DUTY HOSE (DARK GREY)				
	Application:	25	32	08
	For coal & mineral mines, stone & Lime quarries, Sewage disposal, construction etc. Construction: - Strong, flexible and smooth plasticized PVC. - Shock resistant PVC spiral- - Crushing, chemical agents, abrasion and weather resistant, light corrugated outside.	32	39	07
		38	46	06
		51	61	05
		64	75	05
		76	87	05
		101	114	04
		127	141	03
		152	169	03
		203	224	03
DUCT HOSE (GREY)				
	Application:	21	29	-
	Industrial ventilation & air flow systems, suction of dust, air, gases, powders, liquids etc. Construction: - Extremely light and flexible plasticized PVC - Shock resistant PVC spiral. - Crushing, chemical agents, abrasion and weather resistant, corrugated outside.	25	32	-
		32	39	-
		38	45	-
		51	57	-
		61	68	-
		77	84	-
		101	109	-
		127	135	-
		152	161	-
204	214	-		
STANDARD DUTY NON-TOXIC DELIVERY HOSE				
	Application:			
	For delivery of water, mineral water, fruit juices, alimentary liquids etc. Construction: - Strong flexible and smooth non-toxic plasticized PVC . - Shock resistant PVC spiral. - Crushing, abrasion and weather resistant, light corrugated outside.	25	-	07
		32	-	07
		38	-	06
		51	-	05
		63	-	05
		76	-	04
NON-TOXIC WINE HOSE				
	Application:			
	For delivery of Mineral water, Fruit juices, Wines, Liquors up to 15% Alcohol contents Alimentary liquids etc. Construction: - Strong flexible and smooth non-toxic plasticized PVC . - Shock resistant PVC spiral. - Crushing, abrasion and weather resistant, light corrugated outside.	25	-	07
		32	-	07
		38	-	06
		51	-	05
		63	-	05
		76	-	04



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		NOMINAL I.D. (mm)	MEAN O.D. (mm)	WORKING PRESSURE (kg / cm ²)
NON-TOXIC STEEL SPIRAL HOSE (TRANSPARENT) 	Application:	10	-	07
	For suction and delivery of water, mineral water, fruit juices, liquids etc in shipyards, industries, buildings, agricultural & industrial machineries. Construction: - Strong flexible and smooth non-toxic, transparent plasticized PVC. - Shock resistant galvanized spiral. - Crushing, abrasion and weather resistant, smooth outside.	12	-	07
		20	-	06
		25	-	05
		32	-	05
		38	-	04
		51	-	03
		63	-	03
76	-	03		
102	-	03		
OIL HOSE 	Application:	25	-	07
	For heavy duty suction and delivery of industrial oils and fuels. Construction: - Strong flexible and smooth oil resistant PVC/nitrile compound (super elastic type for low temperatures upon request). - Shock resistant PVC spiral. - Crushing, chemical agents, abrasion and weather resistant, light corrugated outside.	32	-	06
		38	-	06
		51	-	05
		63	-	05
		76	-	04
CEMENT GROUTING HOSE 	Application:	25	-	41
	Used as a flexible and delivery hose for placing wet concrete and plaster like mixes at high pumping pressures. Construction: These hoses handle pumping pressure from 50 psi to 150 psi with dimensional stability, remains flexible. A thick inner tube is specially compounded to deliver concrete with a min amount of wear. These hoses are easy to handle yet resist kinking. Rugged abrasion resistant rubber cover will withstand dragging over concrete rock, asphalt and other sharp and abrasive materials.	32	-	
		38	-	
		45	-	
		51	-	
		57	-	
		64	-	
76	-			
DRY CEMENT HOSE 	Application:	102	-	10
	A bulk handling light hose specially engineered to efficiently handle dry cement. Can easily be rolled into a small pack Construction: Abrasion resistant inner lining. Reinforced with very high strength nylon cords and covered with a high abrasion resistant rubber.	127	-	
		152	-	

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HYDRAULIC HOSES

SAE 100 R1 AT / DIN EN 8531 SN 			<p>Application:</p> <p>Medium high pressure hydraulic oil, lines fuel oil, gasoline, air & water</p>	<p>Constructions:</p> <p>Tube : Black, Oil-resistant synthetic rubber, Reinforcement: One-ply braided high tensile steel wire. Cover : Oil weather and abrasion resistant synthetic rubber.</p>	<p>Hose I D (MM):</p> <p>4.8 mm to 102 mm</p> <p>Working Pressure:</p> <p>3625-250 to 580-40 psi/bar</p>
SAE 100 R2 AT / DIN EN 8532 SN 			<p>Application:</p> <p>High pressure hydraulic oil, lines fuel oil, gasoline, air & water</p>	<p>Construction:</p> <p>Tube: Black, Oil-resistant synthetic rubber. Reinforcement: Two-ply braided high tensile steel wire. Cover: Oil, weather and abrasion resistant synthetic rubber.</p>	<p>Hose I D (MM):</p> <p>4.8 mm to 102 mm</p> <p>Working Pressure:</p> <p>6000-415 to 1160-80 psi/bar</p>
SAE 100 R3 			<p>Application:</p> <p>Hydraulic oil, fuel oil, antifreeze solutions and water</p>	<p>Construction:</p> <p>Tube: Synthetic rubber. Reinforcement: two braids high tenacity rayon. Cover: Oil and abrasion-resistant synthetic rubber.</p>	<p>Hose I D (MM):</p> <p>6.4 mm to 31.8 mm</p> <p>Working Pressure:</p> <p>1247-86 to 377-26 psi /bar</p>
SAE 100 R4 			<p>Application:</p> <p>Petroleum base hydraulic oil, gasoline and fuel oil in suction lines or low pressure return lines.</p>	<p>Construction:</p> <p>Tube: Synthetic rubber. Reinforcement: Two rayon braids separated by a spiral wire to prevent collapse.</p>	<p>Hose I D (MM):</p> <p>19.1 mm to 76.2 mm</p> <p>Working Pressure:</p> <p>300-21 to 56-3.9 psi/bar</p>

OUR PRODUCT RANGE

* Please send your request for detailed technical information on - 66573952 or E-mail: sales@realhydrofit.com



HYDRAULIC HOSES

SAE 100 R5R



Application:

Medium high pressure hydraulic oil, lines fuel oil, gasoline, air & water

Construction:

Tube: Black, Oil-resistant synthetic rubber one braid cotton.
Reinforcement: One braid of high tensile steel wire.
Cover: Oil and mildew resistant, One-ply open braided cotton cover impregnated with synthetic rubber.

Hose I D (MM):

4.8 mm to 46.0 mm

Working Pressure:

000-210 to 360-25 psi/bar

SAE 100 R6



Application:

Hydraulic oil lines, fuel oil, antifreeze solutions and water.

Construction:

Tube: Specially compounded synthetic rubber.
Reinforcement: One braid high tenacity rayon.
Cover: Oil and abrasion-resistant synthetic rubber.

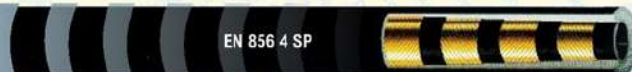
Hose I D (MM):

6.4 mm to 25.4 mm

Working Pressure:

406.28 to 145-10 psi/bar

EN 856 4 SP



Application:

Automobile, Engineering Machinery, Lathe, Agriculture Machine, Mining, Spurting the Oil Paint, Navigation & Spaceflight, Cooling and other Hydraulic Control System.

Construction:

Tube: Oil resistant synthetic rubber.
Reinforcement: Four spiral high tensile steel wire.
Cover: Abrasion and weather resistant synthetic rubber.

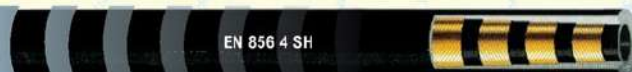
Hose I D (MM):

9.5 mm to 50.8 mm

Working Pressure:

6450 to 2400 psi

EN 856 4 SH



Application:

Automobile, Engineering Machinery, Lathe, Agriculture Machine, Mining, Spurting the Oil Paint, Navigation & Spaceflight. Cooling and other Hydraulic Control System.

Construction:

Tube: Oil resistant synthetic rubber.
Reinforcement: Four spiral high tensile steel wire.
Cover: Abrasion and weather resistant synthetic rubber.

Hose I D (MM):

9.5 mm to 50.8 mm

Working Pressure:

6000 to 3600 psi

OUR PRODUCT RANGE

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REAL HYDROFIT & CO.®



MARINE / INDUSTRIAL HOSES

<p>DREDGE SUCTION HOSE</p> 	<p>Hose I D (mm): 150 mm to 1000 mm</p> <p>Application: Used in Port, Canals, Lakes, Rivers etc... Handles sand, slurry, mud, silt etc...</p> <p>Working Pressure: Max. up to 20 kg/cm²</p>	<p>MINING HOSE</p> 	<p>Hose I D : 1 m (40 in) Length to 15 m (50 ft) Temperature : -35°C and +75°C</p> <p>Application: Mining hose is designed for dual delivery & suction application it is used in processing plants & mining duties from pump suction to tailings discharge. Construction : Heavy spring steel wire helix to cater for high loads</p> <p>Working Pressure: 100 to 200 psi</p>
<p>DREDGE DISCHARGE HOSE</p> 	<p>Hose I D (mm): 150 mm to 1000 mm</p> <p>Application: Used in Port, Canals, Lakes, Rivers etc... Handles sand, slurry, mud, silt etc...</p> <p>Working Pressure: Max. up to 20 kg/cm²</p>	<p>ELEPHANT TRUNK HOSE</p> 	<p>Hose I D (mm): 152.00 mm to 203.00 mm</p> <p>Application: Designed for conveying abrasive and corrosive material in ports, mines and in other industrial places. Mainly used as a gravity flow drop hose. Highly flexible.</p> <p>Working Pressure: 400 psi - 28 bar</p>
<p>MUD PUMP HOSE</p> 	<p>Hose I D (mm): As per customer's requirement</p> <p>Application: To pump out the mud / slurry materials.</p>	<p>FUEL HOSE</p> 	<p>Hose I D (mm): 20 mm to 25.40 mm</p> <p>Application: Specially designed for dispensing gasoline and diesel oil from service station pumps.</p> <p>Working Pressure: Max. 142-10</p>
<p>PHOSPHERIC ACID SUCTION & DISCHARGE HOSE</p> 	<p>Hose I D (mm): 50.80 mm to 203.00 mm</p> <p>Application: Premium quality suction & discharge hose used in ports, fertilizer plants & other industries.</p> <p>Working Pressure: 200 psi - 14 bar</p>	<p>FIRE FIGHTING HOSE</p> 	<p>Hose I D (mm): 25.0 mm to 152.0 mm</p> <p>Application: Suitable for resistance against the direct effects of heat and flames. The thin coating of water formed on the outside layer, protects it from being charred on contact with heat materials or by the heat radiated from the fire.</p> <p>Working Pressure: 1.5 to 3 inch : 175 psi 4 to 6 inch : 100 psi</p>

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GAS / PHARMACEUTICAL HOSES

THERMOPLASTIC HOSE



Hose I D (mm):
3.2 mm to 31.8 mm

Application:

For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural machinery, Earthmoving, Articulating, Telescopic booms, Material handling equipments & industrial gases.

Working Pressure:
3000-210 to 1000-70 psi/bar

SILICON TUBE



Hose I D (mm):
0.8 mm to 50 mm

Application:

Suitable for handling high temperature insulation resistance, arc treatment, corona-resistant handle.

Working Pressure:
Max 25 psi

CNG HOSE



Hose I D (mm):
06.30 mm to 25.40 mm

Application:

Recommended for CNG applications for use in CNG kits in automobile up to 2.1MPa- (Cars, LCV, HCV etc...)

Working Pressure:
Max. 300-21

SILICON BRAIDED HOSE



Hose I D (mm):
6 mm to 76 mm

Application:

Coolant Hose for Industrial Machinery & Equipments. Pipes & connecting hose for Food & Beverages processing. Medical Equipments. Chemical & Adhesive filling systems.

Working Pressure:
Max 200 to 65

LPG HOSE Type 1



Hose I D (mm):
9.5 mm to 50.8 mm

Application:

These are made to BS 4089 : 1989 specifications Transfer of LPG in liquid or vapour form which is unvented between operations (permanently filled with liquid or vapour) including automotive.

Working Pressure:
362- 25 bar

BREWERY HOSE



Hose I D (mm):
25.40 mm to 102 mm

Application:

For transferring edibles under pressure tank or in-plant service. Suitable for handling products like milk, wine, vinegar, beer, distilled liquor or any food stuff requiring non toxic and abrasion resistant rubber tube.

Working Pressure:
142-10 psi / bar

LPG HOSE Type 2



Hose I D (mm):
6.4 mm to 12.7 mm

Application:

These are made to IS 9573 specification. For liquified petroleum gas.

Working Pressure:
364 psi

FOOD HOSE



Hose I D (mm):
38 mm to 102 mm

Application:

White Neoprene tube for all edible food materials. Wire reinforced for fast handling of bulk food products by suction, gravity or pneumatic systems. Suitable for handling edible oils, edible fluids, flours, grains, etc.

Working Pressure:
142-10 psi/bar

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HIGH TEMPERATURE HOSES

R 71

Hose I D (MM):
 4.8 mm to 100 mm

Application:
 For usage on Hi-temperature
 Fluids. Hydraulic Oil & Steam.

Construction:
 Tube: Seamless Synthetic
 heat resistant rubber tube.
 Reinforcement: One ply
 H.T.S. braided wire.
Cover: Oil, Weather and
 abrasion resistant Synthetic
 black rubber.

Temperature: up to +350° f
Working Pressure:
 150 lbs/psi



R 72

Hose I D (MM):
 4.8 mm to 100 mm

Application:
 For usage on Hi-temperature
 Fluids. Hydraulic Oil & Steam.

Construction:
 Tube: Seamless Synthetic
 heat resistant rubber tube.
 Reinforcement: One ply
 H.T.S. braided wire.
Cover: Oil, Weather and
 abrasion resistant Synthetic
 black rubber with red stripe.

Temperature: up to +350° f
Working Pressure:
 200 lbs/psi



Specifications:

Hose Construction	: Inner Tube EPDM Rubber
Reinforcement	: 1 or 2 Braids High Tensile Steel Wire/ 1 or 2 Textile Braids
Cover	: Synthetic Rubber - Abrasion, Ozone & Weather Resistant
Temp. Range	: Up to 205°C Also Available with S. S. 304 or Copper wire Braiding
End Connection	: Can be manufactured As Per Customer's Specifications
IS-10655	: As per IS 10655.



STEAM HOSE WITH WIRE BRAIDING OR ASBESTOS COVER

For Room temperature higher than the normal
 temperature, we can offer above hose with
 stainless steel wire, G. I. wire braiding or
 Asbestos cover. These are recommended for
 applications in Furnace, Boilers etc.



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HIGH TEMPERATURE HOSES



S. S. CORRUGATED FLEXIBLE HOSES

Annular corrugated stainless steel hose, close pitch, for conveying chemicals, gases, steam etc.

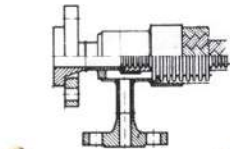
Suitable for high pressures.

Temperature Range : from - 273° c + 800° c

Construction:

Made with annular corrugations from Butt-welded pipe with outer Stainless Steel wire Braiding.

Size : 6 mm to 300 mm



JACKETED FLEXIBLE METAL HOSE (Stainless Steel Corrugated)

Suitable for heat treatment to any fluid with steam or hot oil in the jacketed section. Temperature of the fluid in the inner hose is raised there by lowering its viscosity and permitting free flow of the liquid. The high flexibility of the hose is apt for angular and offset movements. Mainly for use in chemical, pharmaceutical, petroleum and engineering industries.

Temp.: 400°C up to 900°C

Size: Core (Internal Hose): 10 mm to 200 mm

Jacket Tracer Conduit: 25 mm to 250

Threaded Connection (Pipethread) inches: 3/8" to 1"

Flange end also available

BELLOWS



S. S. EXPANSION BELLOWS

Bellows are designed as per EJMA, ASME & B 31.3 standards. These are employed in piping systems to absorb differential thermal expansion while containing the system pressure.

Various types of Expansion Bellows : Single Tied , Hinged, Gimbal, Universal, Tied Universal, Pressure Balanced, In-line Pressure Balance, Externally Pressured & Reinforced.

Size : 14 mm to 3000 mm.

Temperature : 20° f to 1400° f

MOC : Bellows manufactured in stainless steel grade, AISI-304/316/316 L/321/310 etc...



RUBBER BELLOWS

These are designed to take care of reaction force like thermal expansion and vibrations. These bellows have either metallic flanges bonded with rubber or split back up flange. Manufactured in single or multiple aches.

Size : 14 mm to 3000 mm.

Test Pressure : Up to 35 Kg. cm²

Construction:

Made of natural Neoprene, EPDM Rubber. It is reinforced with cotton, nylon, rayon, steel cord etc...



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HIGH TEMPERATURE HOSES

TEFLON PLAIN HOSE



Hose I D (MM):
 7.62 mm to 25.4 mm
Application:
 The hoses are good resistance against all chemicals, acids and caustic solutions of any concentration.
 Exceptions : Unaffected by most chemicals except molten alkali metals.
Temp.: -73° c to +260° c
Working Pressure:
 3000-1000 psi

TEFLON CORRUGATED HOSE



Hose I D (MM):
 12.7 mm to 102 mm
Application:
 Inner code of virgin corrugated Teflon (PTFE) & over braid of high tensile SS 304 wire designed to yield max. pressure ratings. Each corrugation has a low profile shape to promote easy cleaning.
Temp.: -70° c to +260° c
Working Pressure:
 1000-500 psi

TEFLON (PTFE) CORRUGATED HOSE WITH TEFLON (PTFE) FITTING

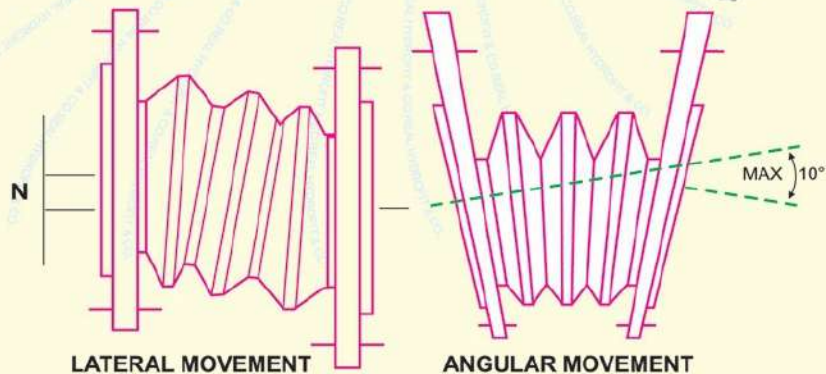
In addition we can offer Teflon Hose Assemblies with STUB ends made entirely of TEFLON instead of Coating on STUB ends where due to handling of Assemblies or dismantling more often, the Coatings are likely to give way. This is recommended in applications where highly corrosive materials are used.



PTFE EXPANSION BELLOWS



NB : 15 TO 200
MAX. WORKING PRESSURE : 20 BAR
LENGTH : 50 TO 150
TEMP. : -73°C TO +260°C



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OUR PRODUCT RANGE





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VARIOUS TYPES OF FITTINGS

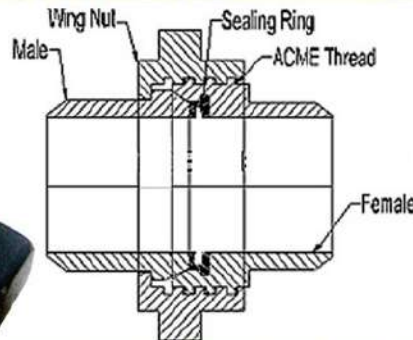


CLAW COUPLINGS



HOSE CLAMPS

HAMMER UNION



FLANGES



PRESSURE GAUGES

OUR PRODUCT RANGE

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**FIRE FIGHTING & FLEXIBLE SPRINKLER
 HOSE WITH FITTINGS**
 (UL/ULC/FM Certified)

1. Model: Nut Type (Braid / Unbraided)



Features:

- a) Superior Anti-Corrosion)
- b) Easy for Installation, Flexible structured, fewer joints and light weight. Easy positioning in installing pipes and easy to install even with a narrow space.
- c) High cost effectiveness, requiring only a short period of works. Considerably reduced piping expenses by easily installation on site without complicated preparation.
- d) Various types of products. A wide range of selections based on their purpose and functions
- e) Available both in dry and humid environment.
- f) UL/ULC and FM Certified

Standard Length : 700L, 1000L, 1200L, 1500L, 1800L



2. Model: Welding Type (Braid/Unbraided)

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VARIOUS TYPES OF HOSE ENDS

PLAIN END



All hose construction elements are exposed (including wire, if wire is used as a reinforcing member). The hose always has the same inside diameter throughout. In the case of certain hand-built specifications having wire reinforcement, the wire and fabric reinforcement are not exposed. All vertical spiral hose is available only with plain ends. Horizontal spiral and wrapped ply machine-built hose is furnished with plain ends unless otherwise specified in the price list.

BUILT-IN NIPPLE END



The hose end is integrally built around and bonded to the nipple body. The hose reinforcing material are also anchored to the nipple. The nipples used are generally fabricated from pipe. Nipples made from standard pipe will be full bore only when pipe 12" and under is used since nominal pipe sizes over 12" are described by pipe OD and not ID. Available only in hand-built hose constructions.

SWAGED END



Primarily used on petroleum, Oil Suction & Discharge, dock hose as an alternative to built-in nipples. The steel (carbon or stainless) stem/coupling accommodates threaded, slip-on or welded flanged ends. Stem/coupling attached to hose with swaged steel ferrule over the cover.

ENLARGED END



The hose end is enlarged to accommodate the outside diameter of the shank of a fitting plus the depth of the shank. The helical wire is terminated at the enlarged end. The inside diameter of a "standard" enlarged end is the same dimension as the outside diameter of the same nominal pipe size. Normally used in hand-built hose constructions.

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VARIOUS TYPES OF HOSE ENDS



INTEGRAL RUBBER TAPERED NOZZLE END

The inside diameter and the outside diameter of the hose end are gradually tapered down to form a nozzle. The hose reinforcement is also extended to the end of the nozzle. A rubber end cap is then added to protect the reinforcement and properly shape the nozzle. This type of nozzle is available only in non-wire inserted horizontal spiral and wrapped ply machine-built hose.



RUBBER BEADED END

A flared bell shape, molded as an integral part of the hose. The reinforcing fabric of the hose body is extended beyond the straight portion of the hose and anchored around a circular steel reinforcing ring. A reattachable split malleable iron flange is placed behind the rubber bead to act as a metal bearing surface for bolt heads and nuts. Bolts used to connect mating flanges pass over the outside diameter of the beaded end. Normally used in hand-built hose constructions.



INTEGRAL RUBBER FLANGED END

Shaped similar to a metal pipe flange. It is molded as an integral part of the hose with the tube, fabric reinforcement (not wire) and cover extending to the outside diameter of the rubber flange. The rubber flange has holes to match customer requirements. In addition, solid metal "backup" rings (drilled to match the rubber flange holes) are always placed behind the rubber flange to provide a metal bearing surface for bolt heads and nuts. Available only in hand-built hose constructions.



SOFT END

The helical wire reinforcement is terminated several inches back from the end of the hose. When a hose has either a corrugated cover or tube or both, a soft end is generally used and always has a smooth inside diameter and outside diameter. Normally used in hand-built hose constructions.





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ACCESSORIES

FILTER



HYDRAULIC FILTER



**HAND
LEVER VALVE**



**FILTER
REGULATOR
UNITS**



OIL LEVEL INDICATOR



AIR BLOW GUN



BRONZE AIR SILENCERS



**METAL
COOLANT PIPES**



ONE TOUCH FITTINGS WITH PU TUBE



**POLYURETHENE
COIL TUBING**



CYLINDER

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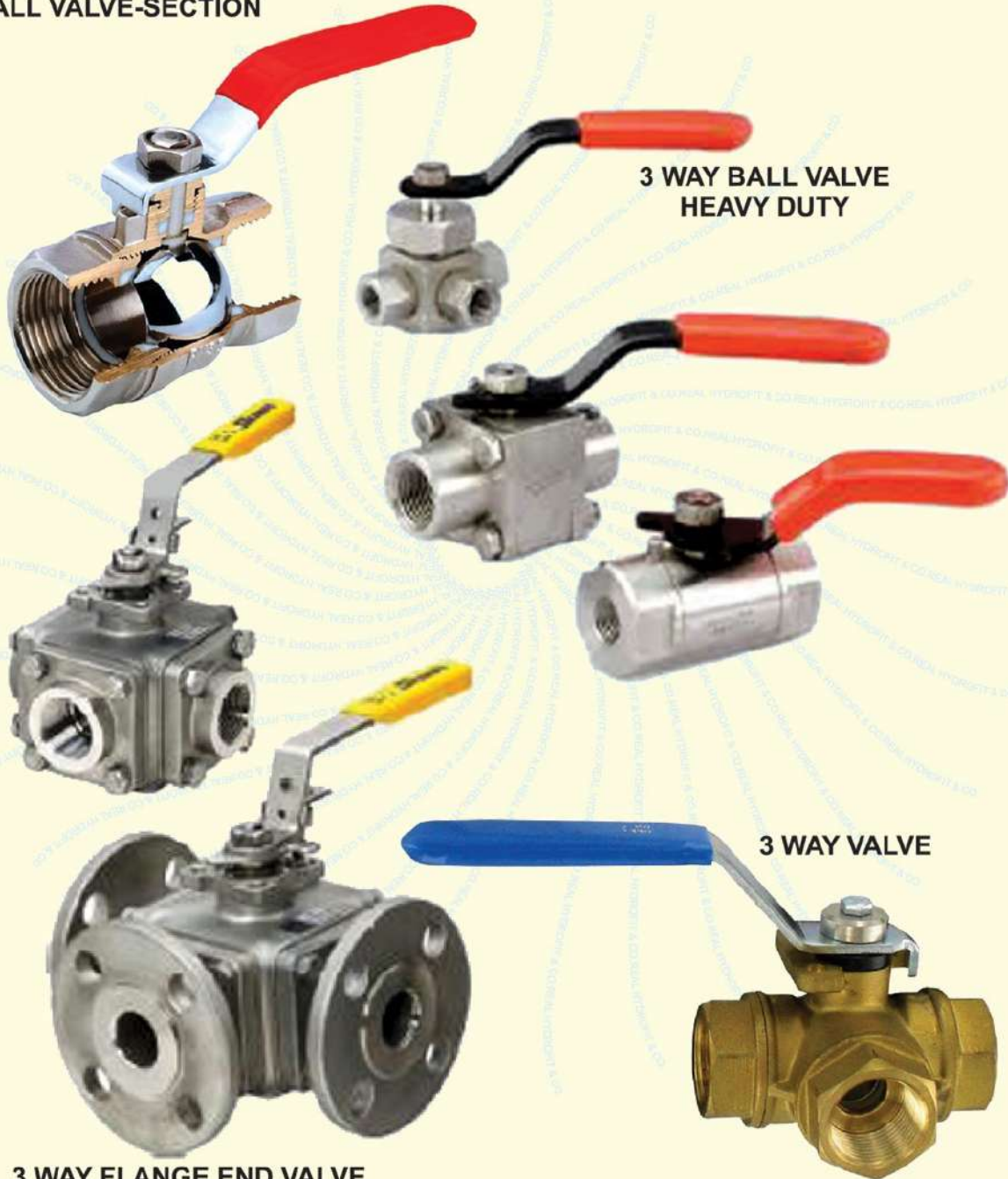


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VARIOUS TYPES OF VALVES

BALL VALVE-SECTION



**3 WAY BALL VALVE
HEAVY DUTY**

3 WAY VALVE

3 WAY FLANGE END VALVE

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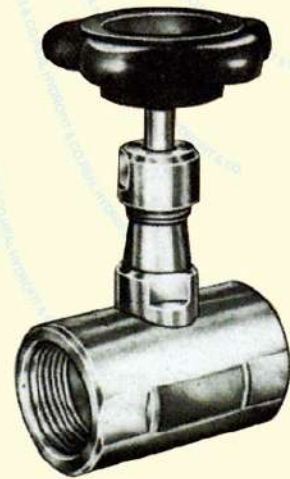
VARIOUS TYPES OF VALVES



GATE VALVES



GLOBE VALVES



NEEDLE VALVES

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VARIOUS TYPES OF COUPLINGS

CAMLOCK COUPLINGS



CAMLOCK COUPLINGS WITH FLANGE



FEMALE ADAPTOR



MALE COUPLER



HOSE SHANK COUPLER



FEMALE COUPLER



HOSE SHANK ADAPTOR



MALE ADAPTOR

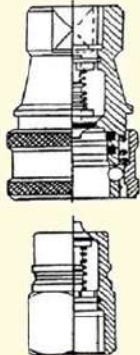


DUST CAP



DUST PLUG

QUICK RELEASE COUPLINGS



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VARIOUS TYPES OF FITTINGS

FORGED FITTINGS



PIPE FITTINGS 90°
ELBOW



TEE FITTINGS



REDUCING TEE



CROSS FITTINGS



45° ELBOW FITTINGS



COUPLING



UNIONS



PLUGS



PIPE FITTINGS

S.S. BUTT WELD FITTINGS



S.S. FLANGE & PIPE FITTINGS



HYDRAULIC FITTINGS



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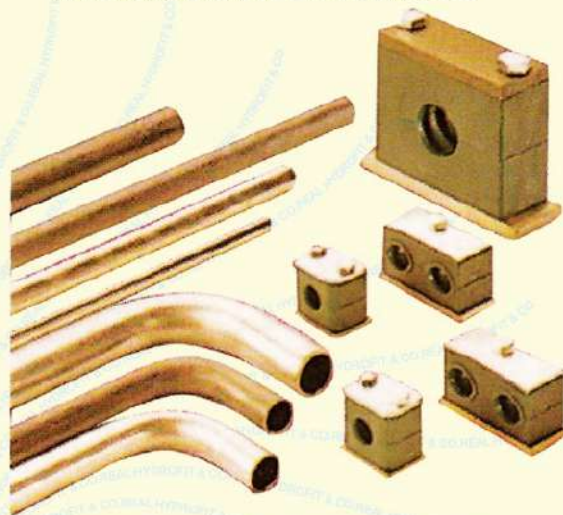


VARIOUS TYPES OF FITTINGS

S.S. FERRULE FITTINGS



HYDRAULIC PIPE & CLAMPS



BRASS HYDRAULIC FITTINGS

CARBON STEEL FITTINGS

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CHARACTERISTICS OF HOSE ELASTOMERS

COMMON NAME	CHEMICAL NAME	ASTM DESIGNATION	GENERAL PROPERTIES
Buna-N or Nitrile	Acrylonitrile-butadiene	NBR	Excellent resistance to oil.
Butyl	Isobutylene-isoprene	IIR	Excellent resistance to weathering, and extremely low permeability to air. Poor resistance to oil.
Chlorinated polyethylene (CPE)	Chloro-polyethylene	CM	Excellent resistance to UV and weathering. Good resistance to oil and chemicals. Flame resistance.
Cross Linked Polyethylene	Cross Linked Polyethylene	XLPE	Excellent resistance to most solvents, oils and chemicals.
EPDM	Ethylene-Propylene-Diene-Terpolymer	EPDM	Good general purpose elastomer. Excellent heat, ozone and weather resistance. Poor resistance to oil.
Fluorocarbon resin (Teflon)	Polytetra-fluoroethylene	PTFE	Excellent chemical and solvent resistance, inert to most materials.
Hypalon®	Chloro-sulfonated Polyethylene	CSM	Excellent ozone, weathering and acid resistance. Good abrasion and heat resistance. Also good resistance to oil.
Natural (Rubber)	Isoprene Rubber	NR	Excellent abrasion resistance, good physical properties. Poor resistance to oil.
Neoprene	Chloroprene	CR	Excellent weather resistance. Flame resistance. Good resistance to oil.
SBR	Styrene-Butadiene	SBR	Excellent abrasion resistance, good physical properties. Poor resistance to oil.
Ultra high molecular weight polyethylene	Ultra high molecular weight polyethylene	UHMWPE	Excellent resistance to most solvents, chemicals and hydrocarbons. Very good resistance to abrasion and wear resistance. Can be used in food industry.
Viton®	Fluorocarbon rubber	FKM	Excellent resistance to high air and oil temperature. Good chemical resistance.



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VACUUM MEASUREMENTS UNITS

(mm) HG	BAR	PSI	%	(mm) HG	BAR	PSI	%
0.254	0.00034	0.00491	0.03%	177.80	0.23722	3.43800	23.39%
0.508	0.00068	0.00982	0.07%	203.20	0.27117	3.93000	26.74%
0.762	0.00102	0.01474	0.10%	228.60	0.30505	4.42100	30.08%
1.106	0.00136	0.01965	0.13%	254.00	0.33955	4.92100	33.42%
1.270	0.00169	0.02456	0.17%	279.40	0.37281	5.40300	36.76%
1.524	0.00203	0.02947	0.20%	304.80	0.40669	5.89400	40.11%
1.778	0.00237	0.03438	0.23%	330.20	0.44063	6.38600	43.45%
2.032	0.00271	0.03930	0.27%	355.60	0.47451	6.87700	46.79%
2.286	0.00305	0.04421	0.30%	381.00	0.50839	7.36800	50.13%
2.540	0.00339	0.04912	0.33%	406.40	0.54227	7.85900	53.47%
5.080	0.00678	0.09820	0.67%	431.80	0.57615	8.35000	56.82%
7.620	0.01017	0.14740	1.00%	457.20	0.61010	8.84200	60.16%
10.16	0.01256	0.19650	1.34%	482.60	0.64398	9.33300	63.50%
12.70	0.01695	0.24560	1.67%	508.00	0.67786	9.82400	66.84%
15.24	0.01704	0.24700	2.01%	533.40	0.71174	10.31500	70.18%
17.78	0.02372	0.34380	2.34%	558.80	0.74561	10.80600	73.53%
20.32	0.02712	0.39300	2.67%	584.20	0.77956	11.29800	76.87%
22.86	0.03050	0.44210	3.01%	609.60	0.81344	11.78900	80.21%
25.40	0.03389	0.49120	3.34%	635.00	0.84732	12.28000	83.55%
50.80	0.06779	0.98240	6.68%	660.40	0.88120	12.77100	86.89%
76.20	0.10171	1.47400	10.03%	685.80	0.91508	13.26200	90.24%
101.60	0.13559	1.96500	13.37%	711.20	0.94903	13.75400	93.58%
127.00	0.16946	2.45600	16.71%	736.60	0.98291	14.24500	96.92%
152.40	0.20334	2.94700	20.05%	760.00	1.01402	14.69600	100.00%

IMPERIAL FRACTIONS TO MM

INS	MM	INS	MM	INS	MM	INS	MM
3/16	5	1/8	28	2 1/8	55	4	102
1/4	6	1 3/16	30	2 1/4	57	4 1/8	105
5/16	8	1 1/4	32	2 1/2	63	4 5/16	110
3/8	10	1 3/8	35	2 5/8	65	4 1/2	115
1/2	12	1 1/2	38	2 7/8	70	5	127
5/8	16	1 9/16	40	3	76	5 1/8	130
3/4	20	1 5/8	42	3 1/8	80	5 1/4	133
7/8	22	1 3/4	45	3 1/2	90	5 1/2	140
		1 7/8	48			6	152





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PRESSURE CONVERSION TABLE

psi in bar - 1psi=0.069 bar

bar in psi - 1 bar=14.504 psi

psi	bar	psi	bar	psi	bar	bar	psi	bar	psi
1	0.069	51	3.514	110	7.579	1	14.504	51	739.679
2	0.138	52	3.583	120	8.268	2	29.007	52	754.182
3	0.207	53	3.652	130	8.957	3	43.511	53	768.686
4	0.276	54	3.721	140	9.646	4	58.014	54	783.189
5	0.345	55	3.790	150	10.335	5	72.518	55	797.693
6	0.413	56	3.858	160	11.024	6	87.021	56	812.196
7	0.482	57	3.927	170	11.713	7	101.525	57	826.700
8	0.551	58	3.996	180	12.402	8	116.028	58	841.203
9	0.620	59	4.065	190	13.091	9	130.532	59	855.707
10	0.689	60	4.134	200	13.780	10	145.035	60	870.210
11	0.758	61	4.203	250	17.225	11	159.539	61	884.714
12	0.827	62	4.272	300	20.670	12	174.042	62	899.217
13	0.896	63	4.341	350	24.115	13	188.546	63	913.721
14	0.965	64	4.410	400	27.560	14	203.049	64	928.224
15	1.034	65	4.479	450	31.005	15	217.553	65	942.728
16	1.102	66	4.547	500	34.450	16	232.056	66	957.231
17	1.171	67	4.616	550	37.895	17	246.560	67	971.735
18	1.240	68	4.685	600	41.340	18	261.063	68	986.238
19	1.309	69	4.754	650	44.785	19	275.567	69	1000.742
20	1.378	70	4.823	700	48.230	20	290.070	70	1015.245
21	1.447	71	4.892	750	51.675	21	304.574	71	1029.749
22	1.516	72	4.961	800	55.120	22	319.077	72	1044.252
23	1.585	73	5.030	850	58.565	23	333.581	73	1058.756
24	1.654	74	5.099	900	62.010	24	348.084	74	1073.259
25	1.723	75	5.168	950	65.455	25	362.588	75	1087.763
26	1.791	76	5.236	1000	68.900	26	377.091	76	1102.266
27	1.860	77	5.305	1500	103.350	27	391.595	77	1116.770
28	1.929	78	5.374	2000	137.800	28	406.098	78	1131.273
29	1.998	79	5.443	2500	172.250	29	420.602	79	1145.777
30	2.067	80	5.512	3000	206.700	30	435.105	80	1160.280
31	2.136	81	5.581	3500	241.150	31	449.609	81	1174.784
32	2.205	82	5.650	4000	275.600	32	464.112	82	1189.287
33	2.274	83	5.719	4500	310.050	33	478.616	83	1203.791
34	2.343	84	5.788	5000	344.500	34	493.119	84	1218.294
35	2.412	85	5.857	5500	378.950	35	507.623	85	1232.798
36	2.480	86	5.925	6000	413.400	36	522.126	86	1247.301
37	2.549	87	5.994	6500	447.850	37	536.630	87	1261.805
38	2.618	88	6.063	7000	482.300	38	551.133	88	1276.308
39	2.687	89	6.132	7500	516.750	39	565.637	89	1290.812
40	2.756	90	6.201	8000	551.200	40	580.140	90	1305.315
41	2.825	91	6.270	8500	585.650	41	594.644	91	1319.819
42	2.894	92	6.339	9000	620.100	42	609.147	92	1334.322
43	2.963	93	6.408	9500	654.550	43	623.651	93	1348.826
44	3.032	94	6.477	10000	689.000	44	638.154	94	1363.329
45	3.101	95	6.546	11000	757.900	45	652.658	95	1377.833
46	3.169	96	6.614	12000	826.800	46	667.161	96	1392.336
47	3.238	97	6.683	13000	895.700	47	681.665	97	1406.840
48	3.307	98	6.752	14000	964.600	48	696.168	98	1421.343
49	3.376	99	6.821	15000	1033.500	49	710.672	99	1435.847
50	3.445	100	6.890	16000	1102.400	50	725.175	100	1450.350





NOTES

- PLS Send your request for detail technical Information on – 66573952



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REAL HYDROFIT & CO.[®]



SILICON BRAIDED HOSE

PLATINUM CURED



FEATURES

UPS Class VI
 FDA 21 CFR 177.2600

Temp. range :
 (-) 80°F (-62°C)
 to 500°F (260°C)

Ultra-flexible
 No organic plasticizers,
 phthalates or
 latex additives

Imparts no tastes
 or odor

Non-wettable
 (hydrophobic)

Sterilizable &
 Autoclavable

Custom Color Coding
 Available

APPLICATIONS

Laboratory uses
 Ultra-pure liquid transfer
 Cell cultures
 Drug delivery
 Sterile fill and transfer
 Pump tubing
 Veterinary pharmaceutical
 Food and beverage transfer
 Dairy application

CODE. NO.	ID	OD
RHSPU-6	6 MM	16 MM
RHSPU-9	9 MM	19 MM
RHSPU-12	12 MM	23 MM
RHSPU-16	16 MM	27 MM
RHSPU-19	19 MM	30 MM
RHSPU-25	25 MM	38 MM
RHSPU-32	32 MM	45 MM
RHSPU-37	37 MM	50 MM
RHSPU-50	50 MM	65 MM
RHSPU-60	60 MM	75 MM

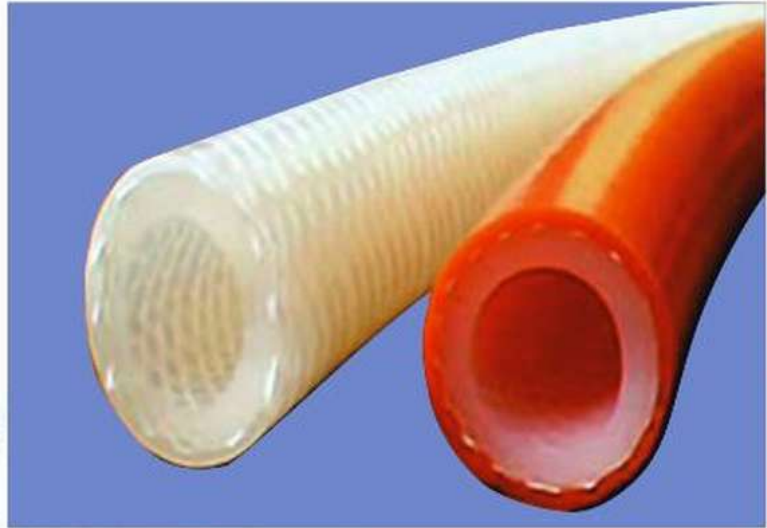
* Please send your request for detailed technical information on - 66573952 or E-mail: reohydesales@gmail.com

OUR PRODUCT RANGE



SILICON BRAIDED HOSE

POLYESTER



These hoses are reinforced with polyester threads from within to make them highly strong and durable.

SPECIFICATIONS

Color : Clear / semi opaque
 Cover : Silicone
 Lining : Silicone
 Reinforcement : High temperature polyester braids
 Temperature resistant: -80° C to 250° C (-110° F to 480° F)

FEATURES

High temperature resistant
 Non-reactive to biological fluids
 Unaffected most water soluble materials
 Sterilized through steam, dry heat, ethylene oxide & gamma radiation
 Discards bacterial grow

APPLICATIONS

Coolant Hose for Industrial Machinery & Equipments.
 Pipes & connecting hose for food & beverages processing.
 Medical equipments.
 Chemical & adhesive filling systems.
 Transfer of chemicals, foods, beverages and pharmaceutical products.

No.	Size In (Inches)	ID in mm	OD. in mm
1	¼"	6	13
2	3/8"	9	16
3	½"	12	20
4	¾"	19	27
5	1"	25	35
6	1 ¼"	32	42
7	1 ½"	37	47
8	2"	50	62
9	2 ½"	60	73

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SILICON TUBE

TRANSPARENT



Tested for use with food as per
 USA regulation
 21-CFR 177.2600
 for rubber articles
 Range : 0.3 mm to 98 mm I.D.
 Temperature Resistance :
 55° C to 210° C

APPLICATIONS

Used For transfer of Sterile Liquids in
 Injection, Vial Filling Machine
 Peristaltic Pump

Can transfer liquids such as
 Oral liquids like Syrups, Tonics etc.
 Ointments, Creams

FEATURES

Withstand number of drugs
 Non-toxic and Pyrogen free raw
 materials which are approved by FDA
 Excellent Heat Resistance
 Transparent appearance
 Odorless
 Avoids Bacterial growth
 Repeat Sterile by steam

(ID) (mm)	OD (mm)	(ID) (mm)	OD (mm)
0.3	0.6	9	20
0.5	1	10	14
1	2	10	16
1	3	10	18
2	4	12	16
2	5	12	18
3	5	12	20
3	6	16	21
3	7	16	22
4	6	18	23
4	7	18	24
4	8	19	24
4	9	19	25
5	8	19	26
5	9	20	25
5	10	20	26
6	8	24	30
6	9	24	31
6	10	25	30
6	11	25	31
6	12	37	45
6	14	37	47
8	11	48	54
8	12	58	64
8	14	60	66
8	20	72	78
9	15	76	82
9	16	98	104

OUR PRODUCT RANGE

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HOSE FITTING STYLES



**BUTT WELD
 PIPE ADAPTOR
 STYLE 51**



**FEMALE JIC SWIVEL
 STYLE 52**



**MALE NPT
 STYLE 53**



**FEMALE NPT
 STYLE 54**



**VCR VACUUM MALE
 STYLE 55**



**FLANGE RETAINER WITH
 FLOATING FLANGE
 STYLE 56**



**VCR VACUUM FEMALE
 STYLE 57**



**BUTT WELD TUBE
 STYLE 58**



**VCO O-RING FEMALE
 VACUUM
 STYLE 59**

FEATURES

- Fittings are 316 Stainless Steel. Other materials available include brass, carbon steel, Monel & Hastalloy.
- Crimp collars are 304 Stainless Steel
- Internal chamfer reduces obstruction between hose tube and fitting.
- Electro-polishing optional on all fittings.
- 'Dog-Lock' positive locking crimp design.
- Customize configurations available upon request.



**TUBE CONNECTOR WITH
 NUT & FERRULES
 STYLE 61**



**TUBE ADAPTOR
 STYLE 60**



**SANITARY
 STYLE 62**



★★★★★
REAL HYDROFIT & CO.[®]



REOHYDE - VACUUM FITTINGS



ADAPTOR FITTINGS

KF to VCR metal gasket face seal, VCO O-ring face seal, NPT, Reohyde tube fitting and ultra-torr vacuum fitting

CF to VCR metal gasket face seal and Reohyde tube fitting

OUR PRODUCT RANGE

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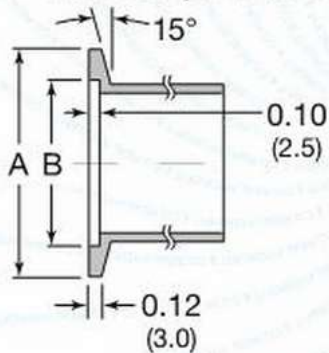


FEATURES

- Quick-release KF flange ends in accordance with ISO 2861/1
- Bakable CF flange ends in accordance with ISO 3669
- Vacuum Range:
 - * Copper Seal: $\geq 10^{-12}$ Torr
 - * Elastomeric Seal: $\geq 10^{-8}$ Torr
- Operational Temperature Range
 - * Copper Seal: -325 to 842°F (-200 to 450°C)
 - * Elastomeric Seal: -4 to 302°F (-20 to 150°C)

APPLICATIONS

Adapter vacuum products are generally used on vacuum Chamber ports to connect vacuum flanges to various fittings.



KF FLANGE DIMENSIONS

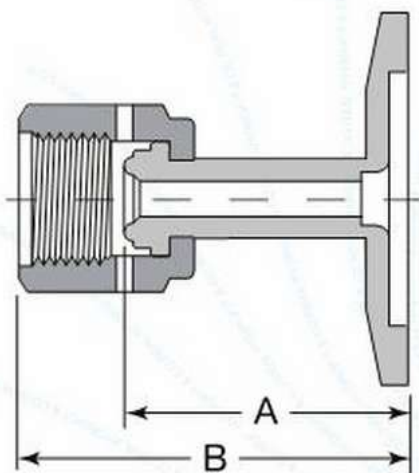
Dimensions, in inches (millimeters), are for reference only and are subject to change

Flange Connection	Dimensions (inch, mm)	
	A	B
KF 10	1.18 (30.0)	0.48 (12.2)
KF 16	1.18 (30.0)	0.68 (17.2)
KF 25	1.57 (40.0)	1.03 (26.2)
KF 40	2.16 (55.0)	1.62 (41.2)
KF 50	2.95 (75.0)	2.06 (52.3)

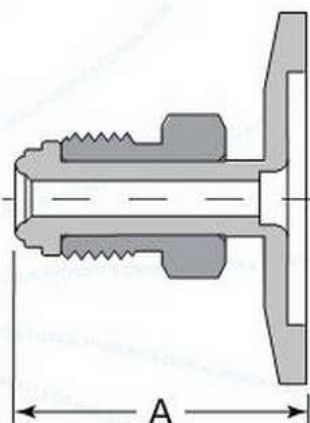


KF ADAPTOR FITTINGS

**KF TO FEMALE VCR
 METAL GASKET FACE SEAL FITTING**



**KF TO MALE VCR
 METAL GASKET FACE SEAL FITTING**



VCR Size in	Flange Connection	Part Number	Dimensions, in. (mm)	
1/4	KF 10	RHJNWFVCR1014	1.46 (37.1)	1.96 (49.8)
	KF 16	RHJNWFVCR1614		
	KF 25	RHJNWFVCR2514		
	KF 40	RHJNWFVCR4014		
	KF 50	RHJNWFVCR5014		
1/2	KF 16	RHJNWFVCR1650	1.65 (41.9)	2.21 (56.1)
	KF 25	RHJNWFVCR2550		
	KF 40	RHJNWFVCR4050		
	KF 50	RHJNWFVCR5050		
3/4	KF 25	RHJNWFVCR2575	2.15 (54.6)	2.90 (73.7)
	KF 40	RHJNWFVCR4075		
	KF 50	RHJNWFVCR5075		
1	KF 25	RHJNWFVCR2510	2.47 (62.7)	3.39 (86.1)
	KF 40	RHJNWFVCR4010		
	KF 50	RHJNWFVCR5010		

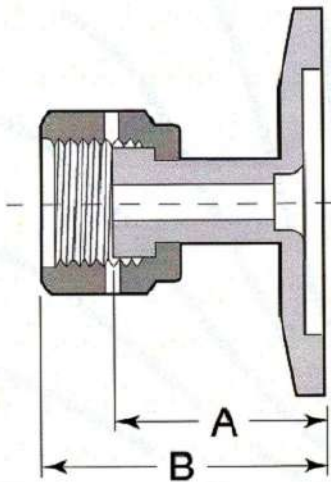
VCR Size in	Flange Connection	Part Number	A in. (mm)
1/4	KF 10	RHJNWMVCR1014	1.46 (37.1)
	KF 16	RHJNWMVCR1614	
	KF 25	RHJNWMVCR2514	
	KF 40	RHJNWMVCR4014	
	KF 50	RHJNWMVCR5014	
1/2	KF 16	RHJNWMVCR1650	1.65 (41.9)
	KF 25	RHJNWMVCR2550	
	KF 40	RHJNWMVCR4050	
	KF 50	RHJNWMVCR5050	
3/4	KF 25	RHJNWMVCR2575	2.15 (54.6)
	KF 40	RHJNWMVCR4075	
	KF 50	RHJNWMVCR5075	
1	KF 25	RHJNWMVCR2510	2.47 (62.7)
	KF 40	RHJNWMVCR4010	
	KF 50	RHJNWMVCR5010	

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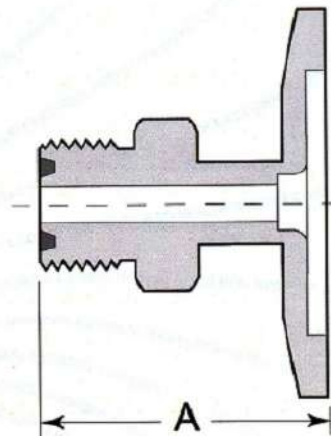


KF ADAPTOR FITTINGS

**KF TO FEMALE
 VCO O-RING FACE SEAL FITTING**



**KF TO MALE
 VCO O-RING FACE SEAL FITTING**



VCO Size in	Flange Connection	Part Number	Dimensions, in. (mm)	
			A	B
1/4	KF 10	RHJNWFVCO1014	0.92 (23.4)	1.26 (32.0)
	KF 16	RHJNWFVCO1614		
	KF 25	RHJNWFVCO2514		
	KF 40	RHJNWFVCO4014		
	KF 50	RHJNWFVCO5014		
1/2	KF 16	RHJNWFVCO1650	0.96 (24.4)	1.33 (33.8)
	KF 25	RHJNWFVCO2550		
	KF 40	RHJNWFVCO4050		
	KF 50	RHJNWFVCO5050		

VCO Size in	Flange Connection	Part Number	A in. (mm)
1/4	KF 10	RHJNWMVCO1014	1.24 (31.5)
	KF 16	RHJNWMVCO1614	
	KF 25	RHJNWMVCO2514	
	KF 40	RHJNWMVCO4014	
	KF 50	RHJNWMVCO5014	
1/2	KF 16	RHJNWMVCO1650	1.49 (37.8)
	KF 25	RHJNWMVCO2550	
	KF 40	RHJNWMVCO4050	
	KF 50	RHJNWMVCO5050	

OUR PRODUCT RANGE

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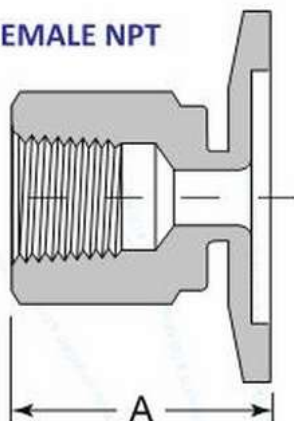


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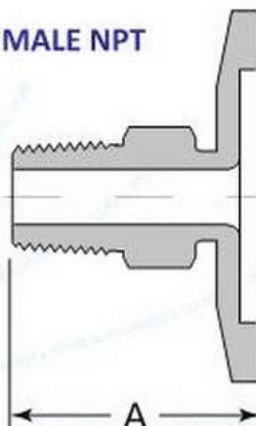


KF ADAPTOR FITTINGS

KF TO FEMALE NPT



KF TO MALE NPT



VCO Size in	Flange Connection	Part Number	A
1/8	KF 10	RHJNWFPT1018	0.92 (23.4)
	KF 16	RHJNWFPT1618	
	KF 25	RHJNWFPT2518	
	KF 40	RHJNWFPT4018	
	KF 50	RHJNWFPT5018	
1/4	KF 10	RHJNWFPT1014	1.07 (27.2)
	KF 16	RHJNWFPT1614	
	KF 25	RHJNWFPT2514	
	KF 40	RHJNWFPT4014	
	KF 50	RHJNWFPT5014	
1/2	KF 10	RHJNWFPT1050	1.44 (36.6) OR 1.39 (35.3)
	KF 16	RHJNWFPT1650	
	KF 25	RHJNWFPT2550	
	KF 40	RHJNWFPT4050	
	KF 50	RHJNWFPT5050	
3/4	KF 25	RHJNWFPT2575	1.45 (36.8)
	KF 40	RHJNWFPT4075	
	KF 50	RHJNWFPT5075	
1	KF 25	RHJNWFPT2510	1.57 (39.9)
	KF 40	RHJNWFPT4010	
	KF 50	RHJNWFPT5010	
1-1/4	KF 40	RHJNWFPT40125	1.68 (42.7)
	KF 50	RHJNWFPT50125	
1-1/2	KF 40	RHJNWFPT4015	1.78 (45.2)
	KF 50	RHJNWFPT5015	
2	KF 50	RHJNWFPT5020	1.82 (46.2)

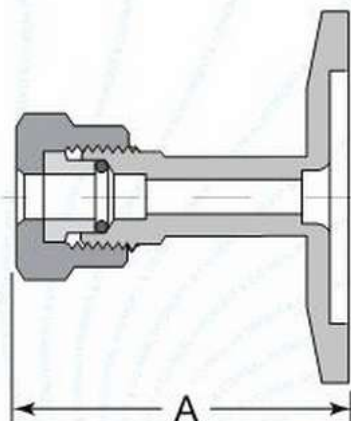
VCO Size in	Flange Connection	Part Number	A in. (mm)
1/8	KF 10	RHJNWMPT1018	0.89 (22.6)
	KF 16	RHJNWMPT1618	
	KF 25	RHJNWMPT2518	
	KF 40	RHJNWMPT4018	
	KF 50	RHJNWMPT5018	
1/4	KF 10	RHJNWMPT1014	1.10 (27.9)
	KF 16	RHJNWMPT1614	
	KF 25	RHJNWMPT2514	
	KF 40	RHJNWMPT4014	
	KF 50	RHJNWMPT5014	
1/2	KF 10	RHJNWMPT1050	1.35 (34.3)
	KF 16	RHJNWMPT1650	
	KF 25	RHJNWMPT2550	
	KF 40	RHJNWMPT4050	
	KF 50	RHJNWMPT5050	
3/4	KF 25	RHJNWMPT2575	1.35 (34.3)
	KF 40	RHJNWMPT4075	
	KF 50	RHJNWMPT5075	
1	KF 25	RHJNWMPT2510	1.64 (41.7)
	KF 40	RHJNWMPT4010	
	KF 50	RHJNWMPT5010	
1-1/4	KF 40	RHJNWMPT40125	1.78 (45.2)
	KF 50	RHJNWMPT50125	
1-1/2	KF 40	RHJNWMPT4015	2.00 (50.8)
	KF 50	RHJNWMPT5015	
2	KF 50	RHJNWMPT5020	2.29 (58.2)

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KF ADAPTOR FITTINGS

KF TO ULTRA-TORR VACUUM FITTING



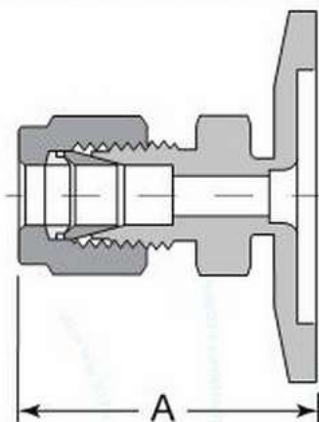
Tube OD in	Flange Connection	Part Number	A in. (mm)
1/4	KF10	RH JNWUT1014	1.48 (37.6)
	KF16	RH JNWUT1614	
	KF25	RH JNWUT2514	
	KF40	RH JNWUT4014	
	KF50	RH JNWUT5014	
3/8	KF10	RH JNWUT1038	1.62 (41.1)
	KF16	RH JNWUT1638	
	KF25	RH JNWUT2538	
	KF40	RH JNWUT4038	
	KF50	RH JNWUT5038	
1/2	KF16	RH JNWUT1650	1.79 (45.5)
	KF25	RH JNWUT2550	
	KF40	RH JNWUT4050	
	KF50	RH JNWUT5050	
3/4	KF25	RH JNWUT2575	1.93 (49.0)
	KF40	RH JNWUT4075	
	KF50	RH JNWUT5075	
1	KF40	RH JNWUT4010	1.95 (49.5)
	KF50	RH JNWUT5010	



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KF ADAPTOR FITTINGS



KF TO REOHYDE TUBE FITTING

FRACTIONAL

Tube OD IN	Flange Connection	Part Number	A In. (mm)
1/8	KF 10	RHJNW1018	1.28 (32.5)
	KF 16	RHJNW1618	
	KF 25	RHJNW2518	
	KF 40	RHJNW4018	
	KF 50	RHJNW5018	
1/4	KF 10	RHJNW1014	1.47 (37.3)
	KF 16	RHJNW1614	
	KF 25	RHJNW2514	
	KF 40	RHJNW4014	
	KF 50	RHJNW5014	
3/8	KF 10	RHJNW1038	1.63 (41.4)
	KF 16	RHJNW1638	
	KF 25	RHJNW2538	
	KF 40	RHJNW4038	
	KF 50	RHJNW5038	
1/2	KF 25	RHJNW2550	1.77 (45.0)
	KF 40	RHJNW4050	
	KF 50	RHJNW5050	
3/4	KF 25	RHJNW2575	1.46 (37.1)
	KF 40	RHJNW4075	
	KF 50	RHJNW5075	
1	KF 40	RHJNW4010	1.74 (44.2)
	KF 50	RHJNW5010	

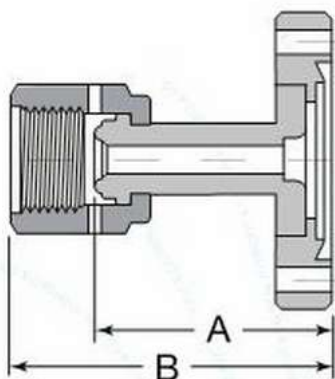
METRIC

Tube OD MM	Flange Connection	Part Number	A in. (mm)
3	KF10	RHJNW103M0	34.3 (1.35)
	KF16	RHJNW163M0	
	KF25	RHJNW253M0	
	KF40	RHJNW403M0	
	KF50	RHJNW503M0	
4	KF10	RHJNW104M0	35.1 (1.38)
	KF16	RHJNW164M0	
	KF25	RHJNW254M0	
	KF40	RHJNW404M0	
	KF50	RHJNW504M0	
6	KF10	RHJNW106M0	41.7 (1.64)
	KF16	RHJNW166M0	
	KF25	RHJNW256M0	
	KF40	RHJNW406M0	
	KF50	RHJNW506M0	
8	KF10	RHJNW108M0	42.4 (1.67)
	KF16	RHJNW168M0	
	KF25	RHJNW258M0	
	KF40	RHJNW408M0	
	KF50	RHJNW508M0	
10	KF10	RHJNW1010M0	44.7 (1.76)
	KF16	RHJNW1610M0	
	KF25	RHJNW2510M0	
	KF40	RHJNW4010M0	
	KF50	RHJNW5010M0	
12	KF10	RHJNW1012M0	44.7 (1.76)
	KF16	RHJNW1612M0	
	KF25	RHJNW2512M0	
	KF40	RHJNW4012M0	
	KF50	RHJNW5012M0	

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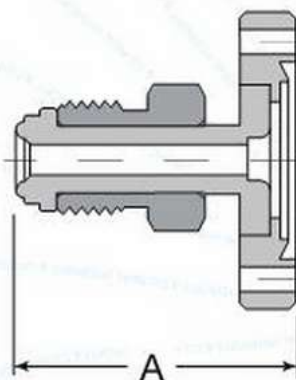


CF ADAPTOR FITTINGS



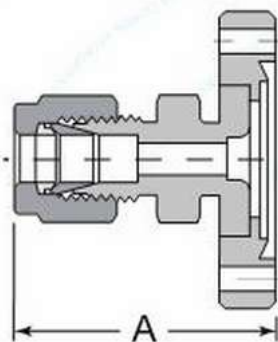
CF TO FEMALE VCR METAL GASKET FACE SEAL FITTING

VCR Size in	Flange Connection	Nominal Flange OD In	Part Number	Dimensions in (mm)	
				A	B
1/4	CF 133	1.33	RHJCFVCR13314	1.48(37.7)	1.98(50.4)
1/2			RHJCFVCR13350	1.68(42.6)	2.34(56.8)
1/4	CF 275	2.75	RHJCFVCR27514	1.52(38.6)	2.02(51.3)
1/2			RHJCFVCR27550	1.71(43.4)	2.27(57.6)



CF TO MALE VCR METAL GASKET FACE SEAL FITTING

VCR Size in	Flange Connection	Nominal Flange OD In	Part Number	A In (mm)
1/4	CF 133	1.33	RHJCFMVCR13314	1.48(37.7)
1/2			RHJCFMVCR13350	1.68(42.6)
1/4	CF 275	2.75	RHJCFMVCR27514	1.52(38.6)
1/2			RHJCFMVCR27550	1.71(43.4)

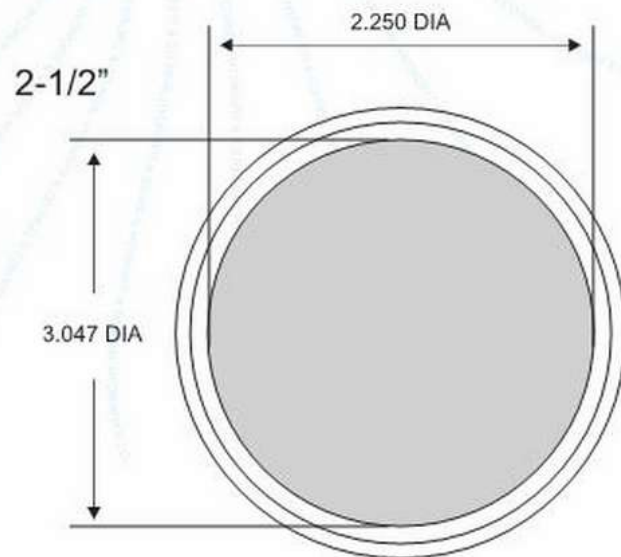
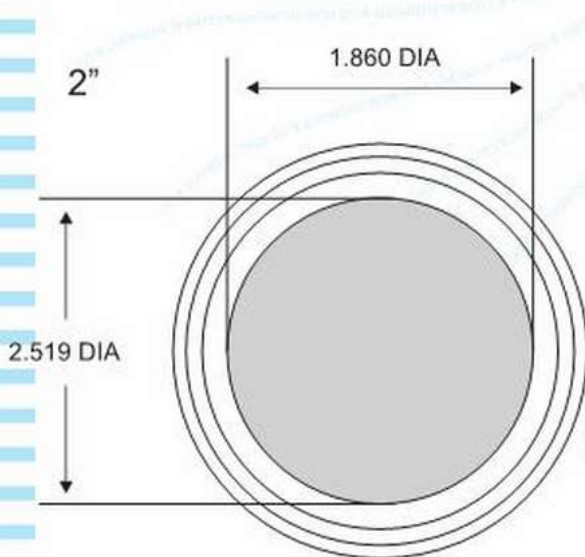
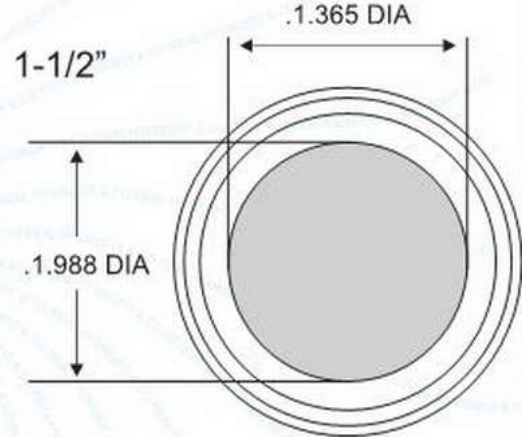
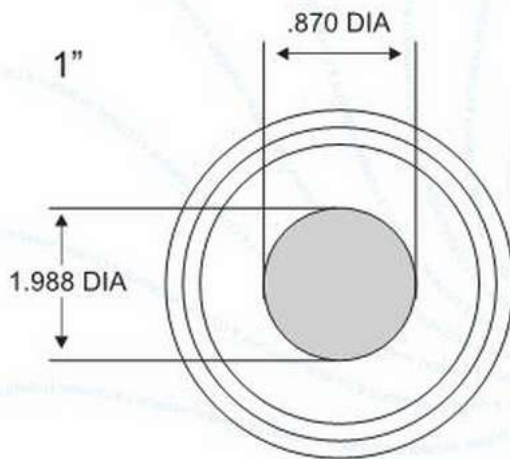
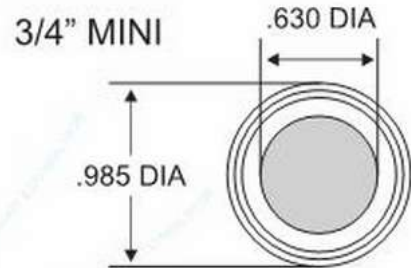
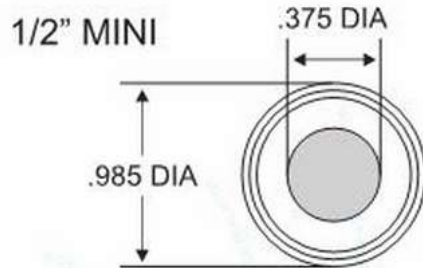


CF TO REOHYDE TUBE FITTING

Tube OD in	Flange Connection	Nominal Flange OD In	Part Number	A In (mm)
1/4	CF 133	1.33	RHJCF13314	1.50(38.0)
3/8			RHJCF13338	1.66(42.0)
1/2			RHJCF13350	1.80(45.6)
1/4	CF 275	2.75	RHJCF27514	1.53(38.9)
3/8			RHJCF27538	1.69(42.9)
1/2			RHJCF27550	1.83(46.5)



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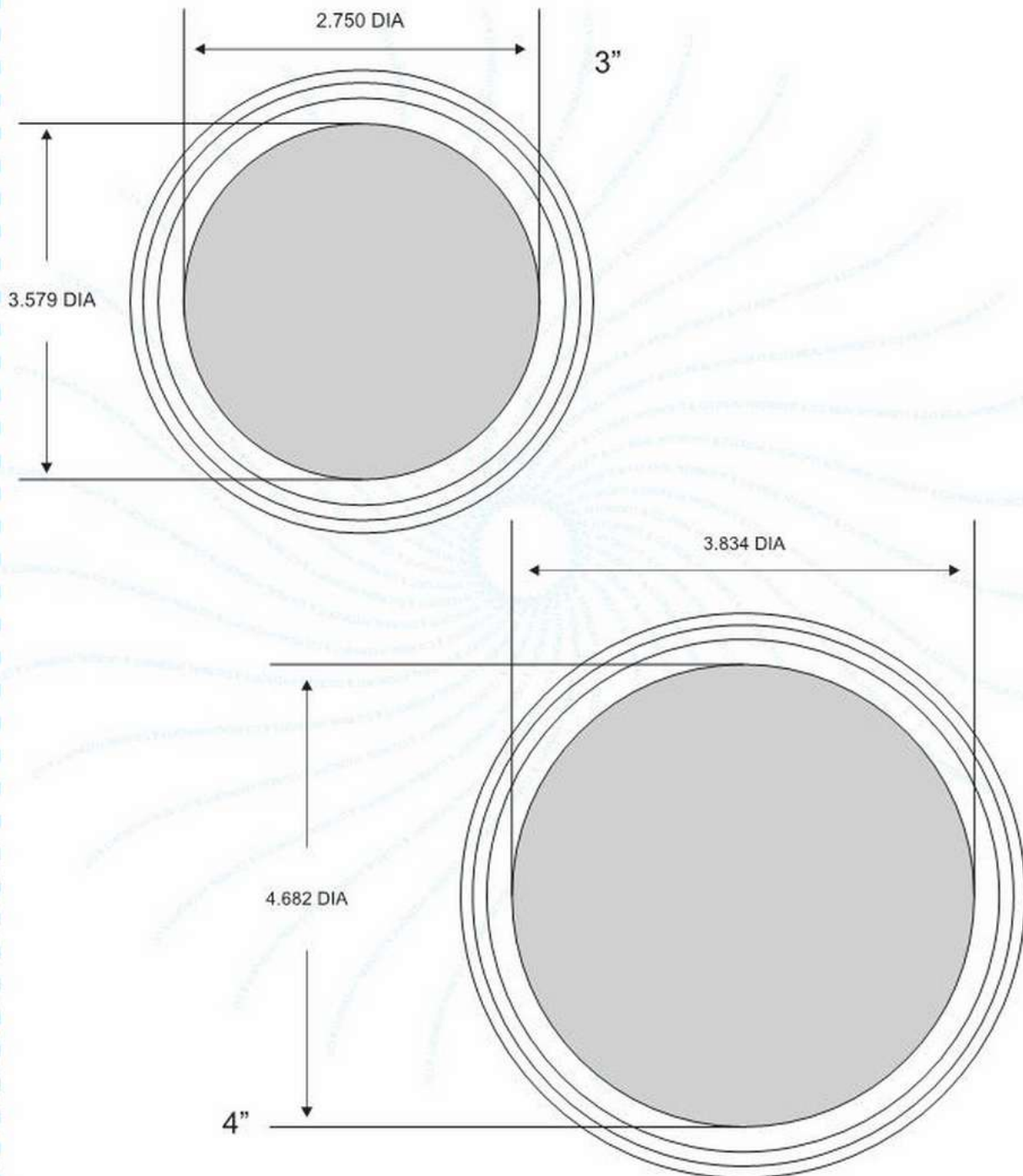
* Please send your request for detailed technical information on - 66573952 or E-mail: reohydesales@gmail.com





★★★★★
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OUR PRODUCT RANGE

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SILICON SHEETS

HIGH QUALITY



High quality Silicone Rubber Sheets conforms to FDA 21 CFR 177.2600 grade.

These sheets are processed in high-pressure hydraulic moulding machines by accurately controlling the temperature and pressure, which ensures uniform physical properties of the sheets.

Reohyde Silicone Sheets are available in Orange, Blue or White or in any other colours as per the customer's requirement.

Available sizes of Silicone sheets

Sizes	Thickness
1 feet x 1 feet	1.0 mm and above
2 feet x 2 feet	2.0 mm and above
1 meter x 2 meter	2.0mm and above
1 . 2 Meter x 2 . 4 Meter	3 mm and above

* Please send your request for detailed technical information on - 66573952 or E-mail: reohydesales@gmail.com



STEAM HOSE



TYPE "M" Steam Hose	
SPECIFICATION	Steam Hose EQU- BS 796 or BS- 924 Type M./ IS 5122 : 1975 Type II OR as per application
CONSTRUCTION:	
Tube :	Heat Resistant lining EPDM rubber tube resistant to steam up to 165°C
Reinforcement :	Suitable multiple textile reinforcement
Cover :	Heat & Abrasion resistant.
Temperature :	-30°C TO 165°C
Steam Pressure :	7 kgf/cm ²
Hydraulic Test Pressure :	14 Kgf/cm ²
Bursting Pressure :	28 Kgf/cm ²
End Connections :	Swaged or crimped or Reusable type
Electrical Continuity :	If electrical continuity required by providing additional braided copper wire, it can be supplied on a special request.
Features :	Highly flexible & light weight easily handling

I.D inches	I.D mm	O.D mm	Minimum bend radius mm
1/2	12.7	25	120
5/8	15.9	28	160
3/4	19.0	32	190
1	25.4	40	250
1¼	31.8	48	320
1½	38.1	54	380
2	50.8	65	500
2½	63.0	83	630
2¾	70.0	90	700

* Please send your request for detailed technical information on - 66573952 or E-mail: reohydesales@gmail.com





CERTIFICATE

Certificate of Compliance

We confirm that the technical documentation for the below mentioned products according to the Council Directive 97/23/EC Pressure equipment (PED)

Products:

Industrial Rubber Hoses, Hydraulic Hoses, Marine Industrial Hoses, Gas & Pharmaceutical Hoses, High Temperature Hoses, Bellows, Industrial Fittings, Industrial Valves, Hydraulic Fitting, Fitting Equipments, Quick Release Couplings, Industrial Hose Ends, Industrial Accessories, PTFE Expansion Bellows, Industrial Coupling & Fire Fighting Hose

Manufactured by company:

Real Hydrofit & Co.

514/515/A, Sussex Industrial Estate, D.K. Cross Road, Byculla (E),
Mumbai-400027 Maharashtra India
OLO Atlas Mill Compound, 210, Reay Road (W), Mumbai-400010
Maharashtra India

is complying to the applicable essential requirements of Directive 97/23/EC Pressure equipment (PED)

The Regal Quality Registrars Inc. has conducted with successful results the review of the manufacturer's technical documentation of the certified according to above mentioned Directive.

This certificate is issued under the following conditions:

1. It applies only to the above referenced set of products mentioned above. The manufacturer is obligated to ensure that all products of the respective model conform to the type assessed by this certificate.
2. The Certificate validity is conditioned by the positive results of the surveillance audits.
3. The Certificate remains valid until the manufacturing conditions, the quality systems or relevant legislation are changed but until the 20th Jul 2017.
4. After fulfilling the relevant EU legislation requirements, the manufacturer shall affix to each product of the above referenced models, CE Marking according to the following example.

Certificate No. CE-2245
Date of registration 27th Jul 2014
Date of this certificate 27th Jul 2014
Date of Expiry 20th Jul 2017



[Signature]
Authorized Signatory

Regal Quality Registrars Inc.

Statement:
This certificate is certified based on the evaluation of a sample of the above mentioned products. It does not imply an assessment of the mass production of the product. The certification body should be advised (inclusion of technical file) for any modification or alternative models to the abovementioned product types. The manufacturer is responsible for the product and ensuring that all manufactured products are in compliance with the specifications declared in the technical construction file.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by contacting the organization. Check www.regalquality.co.uk for current status of the certificate. Whilst all due care and skill was exercised in carrying out this assessment, RQR accepts responsibility only for product group compliance. This certificate remains property of RQR to whom it must be returned upon request.

This Certificate is valid as long as the organization meets RQR's requirements. The status of this certificate may be checked at www.regalquality.co.uk

REGAL QUALITY REGISTRARS INC.
www.regalquality.co.uk

شهادة مطابقة • CERTIFICATE • СЕРТИФИКАТ • 証明書 • CERTIFIKAT



Certificate

CDG Certification Limited
certifies that

Real Hydrofit & Co.

(Brand Name: Speedway Products)

514/515/A, Sussex Industrial Estate, D.K. Cross Road, Byculla (E),

Mumbai-400027 Maharashtra / INDIA

OLO Atlas Mill Compound, Unit No. 4, Ground Floor 210, Reay Road (W),

Mumbai-400010 Maharashtra / INDIA

Has established and applies a Quality Management System
for following scope of activities:

Manufacturer & Stockiest of Flexible Hoses & Hydraulic Fittings

The Management System of the above organization has been audited and found to be in accordance with the requirements of management system standards detailed below

ISO 9001:2008

Certificate Registration No. CCL/QMS/21335

Originally registered: 26/06/2014 Latest Issue: 26/06/2014 Expiry Date: 22/06/2017
Validity of certificate is subjected to the continued satisfactory operation of the organization's Management System.

[Signature]

Managing Director

The accuracy of data by the company subject to general Terms & Conditions of Business for certification services available at www.cdgcertification.com. For the full list of activities audit & registration fees & product certificate application fees, the certificate holder is invited to contact the nearest office of the organization. The certificate holder is invited to contact the nearest office of the organization for the details of the certificate. The certificate holder is invited to contact the nearest office of the organization for the details of the certificate. The certificate holder is invited to contact the nearest office of the organization for the details of the certificate.



CDG Certification Limited (P) Ltd. 308, 3rd Floor, L.S.C., C Block, DDA Market,
Vasant Kunj, New Delhi 110025 INDIA
T: +91 11 30000022 E: info@cdgcertification.com www.cdgcertification.com



REAL HYDROFIT & CO.

Specialist In : FLEXIBLE HOSES & HYDRAULIC FITTINGS

514/A, Sussex Industrial Estate, Dadoji Konddev Cross Road,
Near Jijamata Udyan (Rani Baug), Byculla (E) Mumbai - 400027, India

Tel : +(91)-(22)-66573951 / 52 / 53 +(91)-(22)-23717488 / 23776490 / 23737760

Email : sales@realhydrofit.com - Website : www.realhydrofit.com